

## **CHRONOLOGY**

### **DEADLIEST AMERICAN DISASTERS AND LARGE LOSS-OF-LIFE EVENTS<sup>1</sup>**

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**A Catalog of, and Notes on, Natural and Man-Made Events Causing  
Ten or More Fatalities  
in America/The United States and its Territories  
Since 1527**

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**March 17, 2024**

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<sup>1</sup> We use the term “Large-Loss-of-Life Event to denote ten or more deaths. There are a number in instances where, for a variety of reasons, we enter an event with fewer than 10 fatalities. We do not, though, include these in tally.

1. 1492-1800 -- North American Native American population decline, esp. disease--~2,800,000
2. 1527 -- Nov, hurricane, Matagorda Bay, TX -- 200
3. 1538-1539, unknown epidemic, "Cofitachequi"<sup>2</sup> Natives, central SC -- Hundreds
4. 1539 -- Sep 16, Napituca Massacre, Hernando de Soto executes Timucuan, No. Cen. FL-30-200
5. 1540 -- Oct 18, Spanish (de Soto) battle/massacre, with Atahachi, Mabila, AL --2,500-6,000
6. 1541 -- ~Mar 10, Hernando de Soto forces and "Chicasa" battle and "slaughter," MS<sup>3</sup> -- >20?
7. 1541/42 winter -- Coronado's expeditionaries burn-at-the-stake Tiwa Natives, NM<sup>4</sup> --40-50
8. 1542 -- ~Mid-May, massacre, de Soto's men attack Natives in Nilco province town, AR--~100
9. 1553 -- hurricane, lower coast of TX --1,700
10. 1554 -- Apr, hurricane, today's Brownsville, TX --50-100
11. 1559 -- Sep 19-20, hurricane, Spanish ships and colonists, west coast of FL --?-600
12. 1565 -- Sep 20, massacre, Spanish troops kill male French colonists, Fort Caroline FL<sup>5</sup>--~140
13. 1585 -- June-June 1586, disease, Natives visited by English from Roanoke Colony, NC--≥360
14. 1586 -- Passamaquoddy Natives "devastated" by Typhus epidemic, Maine --Hundreds?  
1597 -- Natives massacre St. Franciscan missionaries, Guale (St. Catherine Island), GA-- 5
15. 1598 -- Dec 4, Pueblo Natives kill Juan de Zaldivar & soldiers seeking corn flour, W NM -13
16. 1599 -- Jan 21, Spanish (Oñate) massacre Acoma Natives, punitive expedition, NM--300-800
17. 1607 -- July-Dec, disease and starvation, Jamestown Colony, VA -- 66
18. 1609-1610 winter -- starvation, disease, attack, Jamestown Colony, VA >400-440
19. 1616 -- unknown epidemic disease, Natives, especially ~coasts of MA, ME, RI --Thousands
20. 1616 -- George Yeardley, Dep. Governor of Virginia Colony, attacks Chickahominy --12-40
21. 1620-21 winter, disease, exposure, Plymouth Colony, MA -- ~ 50
22. 1622 -- Mar 22, Jamestown massacre, Powhatan natives attack Jamestown Colony, VA-- 347
23. 1623 -- May 12, Cpt. Tucker VA party poison/kill Powhatans, Patowomeck, VA --150-200
24. 1632 -- Nov, massacre at Fort Zwaanendael (Lewes), first Dutch Colony, DE -- 32
25. 1633-34 -- smallpox epidemic, New England Natives, Plymouth Colonists, MA -->1000
26. 1634-35+ -- smallpox epidemic, Five Nations, especially Mohawks, Upper NY<sup>6</sup> --2,000
27. 1635 -- Aug 14-15, storm, pinnace *Watch and Wait* wrecks on Thacher Island, MA -- 21
28. 1635 -- Aug 25, Great Colonial Hurricane, New England -- 35
29. 1637 -- massacre of Lenni-Lenape at Pavonia (near present day Jersey City, NJ) -- 80  
1637 -- Apr 23, massacre, Wampanoag and Pequots attack Wethersfield, CT -- 9
30. 1637 -- May 26, Mystic Massacre, English Colonists attack Pequot village, CT --400-700

<sup>2</sup> Cofitachequi is the name the Spaniards of Hernando de Soto's expedition gave to these natives. Some speculate they could have been Catawban. (Holleman, Joey. "The lost tribe of South Carolina." *The State*, 7-5-2009.)

<sup>3</sup> No estimate at all is made of the Natives killed, thus we have conjectured the number "more than 20," as a very conservative estimate of the number of Natives killed. We know from Duncan's account (*Hernando de Sota*, 1995) that the "Chicasa" attacked with a force of over three hundred about seven days earlier. Duncan, pulling from the accounts of the expedition afterwards, notes that there was a rout and a "pent-up rage" slaughter. It was usual for this particular force to kill all they could kill when in battle. There must have been a Native force again of something in the neighborhood of 300. We suspect that dozens, if not many dozens, were killed.

<sup>4</sup> Refers to those burned at the stake, not to the Natives killed in fighting, or killed after surrender by "lancing."

<sup>5</sup> Today's Jacksonville.

<sup>6</sup> We are assuming that if thousands died, then at least 2,000 must have died.

31. 1640 -- Spanish hang Natives for not renouncing their faith, present day NM -- 40
32. 1643 -- Feb 25, New Amsterdam Dutch massacre Natives, Pavonia [NJ]<sup>7</sup> --80-120
33. 1643 -- Aug, massacre; Anne Hutchinson's settlement by Siwanoy on Pelham Bay, NY-- 16
34. 1643 -- fall, Dutch/English force assisted by Stamford, CT settlers attack Natives, CT--18-20
35. 1644 -- early (Jan?), massacre; Dutch and English attack Mespeth (Long Island, NY) -- 120
36. 1644 -- Feb, massacre, Dutch colonists attack Siwanoy, at Petuquapaen, ~Cos Cob, CT<sup>8</sup> --500-700
37. 1644 -- Apr 18 (or Mar 18), Powhatans attack English colonists along James River, VA --400-500
38. 1647 -- influenza, CT (~40-50) and MA (~40-50) Natives and other colonies (?) -- ≥100
39. 1648-49 -- smallpox epidemic, Mass. Bay Colony, esp. Scituate, Roxbury, Cape Cod--Major
  
40. 1655 -- Mar 20, Battle of Severn, Catholics attack Puritans, Horn Point, Annapolis, MD-- 19
41. 1655 -- Sep 15 or 18,<sup>9</sup> Natives attack Dutch in New Netherland (NY and NJ) --16-100
42. 1657 -- Navajo attack Jemez Pueblo, Jémez Province, NM -- 19
43. 1659 -- Measles epidemic, Native Americans, FL --10,000
44. 1659 -- Sep 25-mid Oct, murder retaliation, Natives attack Wiltwyck (Kingston, NY) -- ~10
  
45. 1662-63 -- Smallpox, NY Iroquois Confederacy, Fort Orange, NY, Dutch settlers -->1,000
46. 1663 -- June 7, massacre, Natives attack Dutch at Wiltwyck (Kingston, NY) and vic. --22-24
47. 1666 -- Smallpox, (population of colony about 4,000), Boston, MA --40-50
48. 1667 -- Smallpox epidemic, Native Americans, VA, especially eastern shore VA --≥300
  
49. 1668 -- Famine/starvation, Humanas and other Pueblos, current-day NM -- ~450
50. 1668 -- late summer to early fall, yellow fever epidemic, New York City, NY --many
51. 1669 -- June, Apache attack Acoma Pueblo, NM -- 12
  
52. 1675 --~June 23-25, King Philips War begins, Wampanoags attack Swansea, MA -- 9-12
53. 1675 -- July or Sep, VA militiamen looking for Doeg Natives kill Susquehannocks, VA-- 14
54. 1675 -- Sep 02, settlers killed in Native attack on Northfield, MA -- 8-10
55. 1675 -- Sep 18/19, Bloody Brook Massacre, Natives attack wagon train, S. Deerfield, MA--59-76
56. 1675 -- Sep late, Natives attack settlers, relief force ambushed, Scarborough vic., ME --23-24
57. 1675 -- Dec 16, massacre; Natives attack J. Bull Garrison, Pettaquamscutt (Kingston), RI- 15
58. 1675 -- Dec 19, English colonists massacre Narragansetts, Great Swamp, RI --365-1,100
  
59. 1676 -- Feb 10, massacre, Nipmuc Natives attack Lancaster, MA --34-35
60. 1676 -- Feb 21, massacre, Nipmuc and Narragansett Natives attack Medfield, MA --17-18
61. 1676 -- Mar 12, massacre, Natives attack Clark House, Eel River, ~Plymouth, MA - 11-12
62. 1676 -- Apr 18, massacre, Natives attack settlers at Sudbury, MA -- 7-12
63. 1676 -- May 19, Eng. colonists massacre Natives, Peskeompskut, Turners Falls, MA--200-300
64. 1676 -- Jun 12, Mohawks massacre Native camp whose men were attacking Hadley, MA--50

<sup>7</sup> Giersbach writes that the attack site was today's Corlaer's Hook, Jersey City. *Wikipedia* has it that Pavonia was "on the west bank of the North River (Hudson River)...in what would become today's Hudson County, New Jersey." (*Wikipedia*. "Pavonia, New Netherland," 11-11-2012 modification.)

<sup>8</sup> In dispute – some place the massacre in Westchester County, NY (Dinan. "Historians Sift Clues..." *Greenwich Time*, 3-5-2006.)

<sup>9</sup> These are the dates for the initial Native attacks and colonial deaths. There were additional deaths on both sides in retaliatory Dutch attacks.

65. 1676 -- July 02, massacre, Eng. colonists attack Narragansett camp ~Providence, RI-100-126
66. 1676 -- July 3 or 4, massacre, Eng. colonists attack Narragansetts, Warwick Neck, RI--40-67
67. 1676 -- Aug-Sep, bloody flux (dysentery) Mass. Bay Colony, especially Boston, MA<sup>10</sup>-- 50
68. 1676 -- Aug 11, massacre and captivity, Natives attack English settlers, Portland, ME-- ≥10
69. 1676 -- Aug 13-14, massacre; Natives attack settlers, Kennebec River & Arrowsic, ME--≥14
70. 1676 -- Sep 25, massacre, Natives destroy settlement at Cape Neddock, ME -- 40
  
71. 1677 -- Bacon's Rebellion leaders (colonists vs. Gov. Berkeley) are hanged in VA --22-23
72. 1677 -- June 29, Natives attack party of 90 English near Black Point, ME -- 60
73. 1677 -- Sep 19, massacre, Pocumtuck Natives attack English colonists, Hatfield, MA --12-15
74. 1677-78 -- Smallpox epidemic, Massachusetts Bay Colony, esp. Boston & vicinity-750-1,000
  
75. 1683 -- hurricane, FL and East Coast -- 496
  
76. 1689 -- June 27, massacre; Pennacook attack English colonists, Coheco (Dover), NH-- 23
77. 1689 -- Aug 28, massacre; Natives attack settlers from Huckin's garrison, NH --21-22
78. 1689 -- Sep 26, battle, Major Church force and Natives, near Falmouth (Portland), ME -- 10
79. 1689-90 -- smallpox, New England and NY, settlers and natives -- ≥820-1,500
  
80. 1690 -- Feb 08, massacre of English colonists by French and Indians, Schenectady, NY-- 60
81. 1690 -- Mar 18, massacre, French and Indians attack settlers, Salmon Falls, NH -- 30
82. 1690 -- Spring-Fall, Smallpox, Iroquois Native Americans, esp. upper New York ---~300-500
83. 1690 -- May 20, massacre, French/Indians attack settlers, Falmouth (Portland), ME--120-200
84. 1690 -- Sep 15~, massacre, English attack native village, NW of Brunswick, ME -- 21
  
85. 1691 -- Sep 29, massacre, Natives attack English settlers, Sandy Beach (now Rye), NH-- 13
86. 1692 -- Jan 25, massacre, French and Natives attack English colony, York, ME ---~50-75
87. 1693 -- June 17 start, Yellow Fever, Boston, British fleet arrival from Martinique<sup>11</sup> -- ≤10?
88. 1694 -- July 18, massacre, Abenaki attack settlers, Oyster River Plantation, Durham NH-- 15
89. 1694 -- July 27, massacre, Natives attack settlers, Groton, MA --20-22
90. 1695 -- Aug 05, massacre, Natives attack settlers, Billerica, MA -- 10
91. 1696 -- June 26, massacre, Natives attack English settlers, Portsmouth Plains, NH -- 14
  
92. 1697 -- Mar 15, massacre; Natives attack English settlers, Haverhill, MA -- ~40
93. 1697 -- Sep 11, massacre, Natives attack Lancaster, MA --21-26
94. 1697-98 -- ~Nov 1697 to ~Feb 1698 (3 mo.), "mortal disease" (influenza?), Fairfield, CT--70
95. 1697-98--Smallpox, Charleston, SC (pop. ≥5,000); (plus hundreds Native Americans)<sup>12</sup>--200-300
  
96. 1699 -- Yellow Fever epidemics, Charleston, SC (170-311); Philadelphia (220) --390-531
  
97. 1700 -- Sep 14, hurricane, *Rising Sun* wrecked, Ashley River bar, Charleston, SC -- ~100

<sup>10</sup> Fifty deaths in August (Increase Mather). Was also reported still deadly in September but we have no numbers.

<sup>11</sup> Approximately 3,100 British sailors and soldiers died on way to Boston and while stationed there in June and July. It was only reported that "several" colonists succumbed in Boston.

<sup>12</sup> We derive "hundreds" from accounts which note high mortality in Native populations in SC and NC, but do not note an estimated mortality range. Whatever the number, it would be in addition to the 200-300 for Charleston.

98. 1702 -- Summer (late) to early Spring 1703, Smallpox epidemic, Boston, MA --302-313
99. 1702 -- Summer to late Fall, Yellow Fever epidemic, New York City, NY --500-570
100. 1703 -- Aug 10, French and Natives attack So. coastal ME, esp. greater Portland vic.--  $\geq$ 61
101. 1703 -- Oct 06, massacre, Eng. settlers/militia attacked while farming, Scarborough, ME-19
102. 1704 -- Feb 29, massacre, French and Native allies attack Deerfield, MA<sup>13</sup> -- 68
103. 1704 -- May 13, massacre, Natives attack settlers, Pascommuck (Easthampton) MA -- 19
104. 1705 -- Dec 19-21, privateer *Castle Del Rey*, grounds and breaks-up, Sandy Hook, NJ--132
105. 1706 -- Aug-Oct especially, Yellow Fever epidemic, Charleston, SC -- ~65
106. 1708 -- Aug 29, raid/massacre, French and Natives attack settlers, Haverhill, MA --16-19
107. 1709-10 -- Smallpox epidemic, Native Americans, lower CA -- $\geq$ 2,000
108. 1711 -- Sep 22, Tuscarora massacre of White settlers, Bath County, NC >130-140
109. 1711-12 -- winter (within two months), “malignant distemper” (Influenza?), CT -- 250
110. 1711-12 -- winter, disease (smallpox/pestilential fever/pleurisies/flux), Charleston SC-->10
111. 1712 -- Apr 06, violence; fear of insurrection by Blacks leads to executions, NY, NY-- 21
112. 1712 -- Jan 28, NC/SC militia/Indian allies retaliate against Tuscarora, Craven Co. NC--300
113. 1712-13 -- Oct 17, 1712-Sep 1713, “malignant distemper,” Waterbury, CT --21-30
114. 1713 -- Sep 16-17, hurricane, Charleston and vicinity, South Carolina -- 70
115. 1713 -- Oct-1714, measles epidemic, Boston, MA (also CT, RI, NY, NJ, NH, PA) -->109
116. 1715 -- measles, New London, CT (9); “malignant disease,” Plymouth, MA (40) -- 49
117. 1715 -- smallpox, NY and NJ colonies, esp. Burlington and Perth Amboy, NJ --  $\geq$ 10
118. 1715 -- July 31, hurricane, Spanish ships ground, Fort Pierce-Wabasso Beach, FL --1,000
119. 1716 -- Five Gloucester MA fishing vessels lost, voyage to Cape Sable, Nova Scotia-- ~20
120. 1721 -- May-Apr 1722, smallpox, Mass. Bay Colony, esp. Boston & Charlestown--957-1004
121. 1724 -- Natives attack Maine fishing posts taking 22 vessels/killing at least 20 men --  $\geq$ 20
122. 1724 -- Aug 23, massacre, colonial militia attack Abenaki village, Norridgewock, ME ~80-100
123. 1726 -- summer, unknown typhoid fever-like epidemic, Newent Parish, Norwich, CT --~20
124. 1727 -- sum. esp., typhoid fever-like epidemic Norwich (~40) & Woodbury ( $\geq$ 44), CT-- $\geq$ 84
125. 1728 -- Aug 13-14, hurricane, coast and coastal waters south of Charleston, SC --  $\geq$ 10
126. 1728 -- late summer to fall, yellow fever, Charleston, SC -- <130
127. 1729 -- Nov 28, Ft. Rosalie Massacre, French colonists by Natchez, Natchez, MS--200-300
128. 1730 -- smallpox epidemic, Massachusetts Bay Colony, especially Boston -- $\geq$ 502
129. 1731 -- smallpox epidemics, New York City (548-700) and Philadelphia (288) --836-988
130. 1732 -- Oct, influenza outbreak, New England, NY, Philadelphia, esp. Ipswich MA/17-- $\geq$ 36
131. 1732 -- smallpox, esp. Cheshire CT (~18) and Albany (68) & Kingston (22), NY--104-118
132. 1732 -- May-Oct, yellow fever outbreaks, Charleston SC (130-150), NYC (70) --200-220
133. 1735-41 -- (esp. 1735-37), “Throat Distemper” (diphtheria),<sup>14</sup> esp. CT/ME/MA/NH--5,000

<sup>13</sup> Though death tolls vary, we rely on Demos and Sheldon. Includes 39 in attack, 9 in pursuit party, and 20 captives.

134. 1735-36 -- (Aug 1735-July, 1736), Scarlet Fever outbreak, Boston, MA --100-114
135. 1736 -- Smallpox epidemic, Philadelphia, PA -- 158
136. 1736 -- July-Nov, epidemic (scarlet fever or diphtheria?), esp. children, Marblehead MA-- ~25
137. 1737-38 -- Dec-Jan 1738, Smallpox, esp. Chilmark & Edgartown, Martha's Vineyard, MA-12
138. 1738 -- Smallpox epidemic, Charleston, SC -- 311
139. 1738-39 -- Smallpox, Catawba (NC/SC) and Cherokee Natives (NC) --7,700-11,700
140. 1739 -- June-July 19, Smallpox, Newport and nearby vicinity, RI --23-27
141. 1739 -- Yellow Fever, "severe" extensive, "raged...violently," Charleston, SC<sup>15</sup> --Dozens
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142. 1741 -- March, alleged slave uprising, Blacks burned and hanged, NYC, NY --33-52
143. 1741 -- Pre-April, "Long" or "Lung" Fever," Sutton, MA (19), New London, CT (?)-- ≥19
144. 1741 -- Sum.-Fall, Yellow Fever, Boston, MA (15); epidemic, Philadelphia, PA (250)--265
145. 1742 -- Smallpox outbreak in New York, NY -- 250
146. 1742-43 -- Aug-Jan (esp.), "Throat Ail" (Diphtheria), Greenland & esp. Stratham, NH-- 97
147. 1742-43 -- Aug-Sum. 1743, Dysentery outbreak, East Haven (population ~500), CT--43-60
148. 1743 -- July 25-Oct, Yellow Fever epidemic, New York City, NY -- 217
149. 1745 -- "Throat Distemper" (Diphtheria), Hampton and especially Kensington/16, NH-- 21
150. 1745 -- Malignant Dysentery epidemics, Shrewsbury, MA, esp. Stamford (one street.), CT--≥80
151. 1745 -- Russian traders massacre Unangan (Aleut) women and children, Attu, AK -- 15
152. 1745 -- June-Nov, Yellow Fever, New York City and especially Charleston, SC --Dozens
153. 1745 -- Nov 17, Schuylerville Massacre, near Saratoga, NY -- 30
154. 1746 -- Dysentery ("Fever & Flux") epidemics, esp. Harvard/37, Westborough/25 MA-- ≥62
155. 1746 -- Aug-frost (probably Oct), Yellow Fever or Typhoid epidemic, Albany, NY<sup>16</sup>-- 45
156. 1747 -- "Throat Distemper" (Diphtheria), MA (≥89) and Kensington, NH (48-52)--137-≥141
157. 1747 -- Measles epidemic, Philadelphia, PA (cases noted also in CT, NH, NY, SC) -- 84
158. 1747 -- June 29- frost (probably Oct), Yellow Fever, Philadelphia, PA -- >43
159. 1747 -- Sep 15, hurricane, ship of immigrants sinks, Rappahannock River, VA -- >50
160. 1748 -- Mid-Aug to mid- Oct, Yellow Fever outbreak, Charleston, SC -- ≥33
161. 1749 -- Dysentery epidemics, CT, esp. Waterbury (130) Woodbury (57), CT --252-262
162. 1749-50 -- "Throat Distemper" (Diphtheria), MA, esp. Tewksbury (≥38), MA --≥106-112
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163. 1751 -- dysentery epidemic, Canaan (~10), Hartford (64) and New Haven (45), CT -- ~119
164. 1751-52 -- "Throat Distemper" (diphtheria), esp. Abington/Hingham/Weymouth, MA--240-290
165. 1752 -- early in year through at least Summer, Small-Pox epidemic, Boston, MA--535-569
166. 1752 -- Sep 15, hurricane, esp. Charleston, SC and Johnston, NC -- 103
167. 1753 -- "Throat Distemper" (diphtheria), Exeter, Stratham and Rye, NH -- ~72
168. 1753 -- late summer-fall (~2 mo.), dysentery ("Camp Distemper"), esp. Norwich, CT-- 28
169. 1753-54--Dec-Jan (2 mo.), unknown epidemic fever, Holliston (pop. ~80 families), MA-43
170. 1754-55, Jan '54-July '55 -- "Throat Distemper" (diphtheria), esp. children, Hampton NH-- 51
171. 1754 -- typhoid fever, Philadelphia, PA -- 273

<sup>14</sup> Referred to as throat distemper, and other names at the time, descriptions point to what was later named diphtheria. Scarlet fever occurred as well, with deaths, but sources indicate the major epidemic was diphtheria.

<sup>15</sup> The closest we have seen to a fatality estimate is Duffy's note that it "was not quite as bad as the previous one [yellow fever epidemic] in 1732." In that year between 130 and 150 people are estimated to have died from yellow fever in Charleston. (Duffy, John. *Epidemics in Colonial America*. Baton Rouge: LSU Press, 1953, 1979, p. 152.)

<sup>16</sup> Sources consulted then and since (five), disagree as to yellow fever or typhoid.

172. 1755 -- early fall, diphtheria, New Casco, ME -- 10
173. 1755 -- Oct 16-17, massacre, Natives attack German settlers, Penn's Creek, PA --  $\geq$ 13
174. 1755 -- Oct 31--Nov 2, Delaware/Shawnees attack settlers, Fulton/Franklin Co., PA--  $\geq$ 11
175. 1755 -- Nov 14-15, Delaware Natives attack German settlers, Berks County, PA --9~15
176. 1756 -- summer, diphtheria epidemic, children, Saco, ME -- 14
177. 1756 -- epidemics, esp. dysentery; Mass. Bay Col., esp. Rutland/60, Lancaster/42, MA-->225
178. 1756 -- smallpox epidemic, Philadelphia, PA -- 900
179. 1757 -- Aug, Natives massacre garrison after surrender, Fort William Henry, NY -- ~184
180. 1758 -- Apr 28, massacre of settlers by Shawnee, Fort Sybert/Seybert, WV -- >40
181. 1758 -- hurricane, San Marcos de Apalache Spanish fortification, St. Marks, FL -- 40
182. 1758-59 -- measles epidemic, Philadelphia, PA (cases also in MA ME NJ SC VA) -->100
183. 1759 -- measles ("many...in a short space of time; not a house exempt..."), Fairfield, NJ -->10?
184. 1759 -- smallpox epidemic, Philadelphia, PA -- 600
185. 1759-60 -- smallpox epidemic, Catawba Nation, SC -- ~300
186. 1760 -- smallpox epidemic, Charleston SC (as well as undocumented Native deaths) --730-940
187. 1760 -- Feb, massacre, Cherokee hostages by colonial soldiers, Fort Prince George, SC--22
188. 1760-61 -- winter-spring, influenza epidemic, esp. Natives, esp. CT, MA, ME, PA --hundreds
189. 1762 -- Aug-Nov,<sup>17</sup> yellow fever epidemic, Philadelphia, PA --~100?
190. 1763 -- smallpox epidemic, Native Americans, CA -->100
191. 1763 -- Native American massacre of settlers, Wyoming Flats (Luzerne Co.), PA -- ~ 20
192. 1763 -- Unangan/Eastern Aleut conflict with Russians, Unalaska/Umnak/Unimak Is., AK $\geq$ 375  
-- ~175-188 Russian hunters/sailors killed by natives – retaliation for atrocities  
-- ~200 Unangan and Aleut killed in retaliation by Russians
193. 1763 -- May 25, St. Joseph's Post Massacre, mouth of St. Joseph's River, MI -- 11
194. 1763 -- June 02, massacre, Fort Michilimackinac, MI, Ojibwas and Sacs attack -- 22
195. 1763-64, Aug-Feb -- Yellow Fever, Indians, Nantucket Isl., & Martha's Vineyard, MA<sup>18</sup>-200-261
196. 1763 -- winter, throat distemper epidemic (diphtheria), Philadelphia, PA -- >10
197. 1763 -- Dec 14 & 27, massacres, *Paxton Boys* kill Natives, Conestoga & Lancaster, PA-- 20
198. 1763 -- Dec-July 1764 -- smallpox epidemic, Boston (170) & Cambridge (6), MA col.--176
199. 1764 -- "throat distemper" (diphtheria), especially children, Westminster, MA -- 15
200. 1764 -- Jan 20-30, "nervous pleuritic disorder" (respiratory infection), Newport, RI -- 14
201. 1764 -- July 26, massacre, Natives attack one-room schoolhouse, near Greencastle, PA-- 11
202. 1764-65 -- smallpox, esp. Iroquois, Shawnee, Lenape, Creek, Choctaw, Chickasaw-->1,800
203. 1765 -- yellow fever epidemic, Pensacola, FL -- 125
204. 1766 -- March, storm, seven Gloucester, MA fishing boats sink, Grand Banks -- ~40
205. 1767 -- July, Chippewas attack two Baynton, Wharton, Morgan trade boats, Ohio Riv.-- 14
206. 1767 -- late summer, epidemic (dysentery?), New York City, NY<sup>19</sup> --  $\geq$ 30
207. 1767-70-- diphtheria epidemic (12% of population, mostly children), Oxford, MA--96-144
208. 1768 -- Jan 10-11, Stump massacre of Native men/women/children, Penn Twp, Cumberland Co., PA-- 10
209. 1768 -- fall-winter (two months), Smallpox, especially children, Reading, PA -- >60
210. 1769 -- throat distemper (diphtheria), especially children, New York City, NY -- >10

<sup>17</sup> Redman has the outbreak from Aug-Oct. Rush has it from Aug-Dec. We compromise between the two in that the mosquitoes which are the vector are generally killed off, or go into hibernation, with the first good frost.

<sup>18</sup> The Nantucket Island Native American population was decimated, only a small percentage survived.

<sup>19</sup> Our number. Source notes "fifteen deaths were reported daily" during an epidemic (dysentery section of a paper).

211. 1769 -- Aug-Sep, flux (dysentery) and fever outbreak, esp. children, Boston, MA -- ~108
212. 1770 -- “Chin” (whooping) cough epidemic esp. children, Salem (pop. ~5,000), MA-- 37
213. 1770-71 -- winter, influenza epidemic “took scores of lives,” Philadelphia, PA --  $\geq$ 40
214. 1771 -- early, *Beaver 2<sup>nd</sup>* lost on Lake Erie near Sandusky, OH -- 17
215. 1771 -- May-July, scarlet fever, Duxbury, MA --  $\geq$ 10
216. 1771 -- May 16, “Regulators” uprising, Battle of Alamance, near Burlington, NC --26-100
217. 1771 -- May 27, flooding, esp. James, Rappahannock Riv., Richmond & Henrico Co., VA--~150
218. 1772 -- Measles epidemics, Charleston, SC (800-900), Philadelphia, PA (180) --980-1,080
219. 1772 -- Sep 01, tropical storm, fourteen vessels grounded, Ocracoke Bar, NC -- 50
220. 1773 -- smallpox epidemic, Philadelphia (300), Marblehead (~3) & Salem (17), MA-- ~321
221. 1774 -- Apr 30, Greathouse VA force murder Mingos, Yellow Creek/OH Riv., OH/WV<sup>20</sup> ~10
222. 1775-82 -- Smallpox outbreaks, Natives and colonists, North America --84,000
223. 1775 -- Dysentery, DE, MD, NJ ( $\geq$ 10), but primarily CT ( $\geq$ 146) and MA ( $\geq$ 326) --  $\geq$ 482
224. 1775 -- Aug 29-Sep 6, “Independence” hurricane, NC, VA -- 163
225. 1776 -- “Throat Ail” (diphtheria?), especially children, Athol, MA -- 16
226. 1776 -- Dysentery epidemics, NY (especially northern NY), MA and NJ --  $\geq$ 76
227. 1777 -- dysentery, CT, NJ, PA, VT, and especially MA ( $\geq$ 255) and NY ( $\geq$ 100) -- >416
228. 1777 -- privateer *The Gloucester* lost at sea, out of Gloucester, MA -- ~60
229. 1778 -- May 30, Loyalists and Natives attack Cobus Kill settlement, NY -- ~52
230. 1778 -- late summer-fall, dysentery, esp. Dunstable, Lexington, Medford, Tewksbury, MA-111
231. 1778 -- Nov 11, massacre, women/children, Loyalist/Seneca force, Cherry Valley NY-- 48
232. 1778 -- Dec 26-27, blizzard, New England, esp. MA and RI, brig *Arnold*, sloop *Stark*-- $\geq$ 153
233. 1779 --Feb 14, boat theft, hostage-taking attempt, violence, Cpt. James Cook/Hawaiians-22
234. 1780-82--smallpox epidemic, Native Americans, Great Plains (see 1775-1782) -->32,000
235. 1780 -- American sailing ship *Watt* wrecks on Long Island, NY -- 26
236. 1780 -- May 26, massacre of settlers near St. Louis, MO -- ~20
237. 1781 -- Mar 18, gale, Continental sloop *Saratoga* lost in storm off the Bahamas -- ~86
238. 1782 -- Mar 08, massacre of noncombatant Natives by PA militia, Gnadenhutten, OH-- 96
239. 1784 -- Russian fur traders massacre Sugpiaq Natives, Kodiak Island, AK -- >200
- 1784 -- May 08, hail storm, Winnsboro, SC -- 3
240. 1784 -- Sep 10~, hurricane/storm surge, Charleston/coastal islands, esp. Sullivan’s Isl., SC-- $\geq$ 10
241. 1785 -- Sep 02, hurricane, immigrant ship *Faithful Steward* grounds, coast of DE -- >200
242. 1786 -- Dec 05, gale, sloop grounds, Lovell’s Isl., Brig at Pt. Shirley, Boston Harbor, MA-- 18
243. 1787 -- Sep 19, hurricane, damage to shipping/property, Beaufort to Georgetown, SC-- 23
244. 1787 -- Dec, last week; crewmen from previously captured Maine sloop *Squirrel* murdered by Algerians-11
245. 1789-90 -- fall-spring, influenza epidemic; CT, ME, MA, NH, NY, Philadelphia, RI--many
246. 1790 --Jan late, Olowalu massacre, Cpt. Metcalfe, *Eleanora*, fires on Native canoes, Maui>100
247. 1790 -- Nov, Kilauea volcano eruption, Island of Hawai’i, HI --  $\geq$ 400
248. 1791 -- yellow fever epidemic, New York City, NY -- 200
249. 1791 -- Jan 02, massacre, Delaware/Wyandot natives attack Big Bottom settlers, OH-- 12

<sup>20</sup> We note Ohio and West Virginia because while the murders occurred on today’s WV side, the natives lived across the Ohio River (in present-day Ohio) at a camp where Yellow Creek empties into the Ohio.



250. 1792 -- July 01, storm or tornado, Philadelphia and NYC, boaters drown -- ~40  
 251. 1792 -- yellow fever epidemic, Charleston, SC -- <96
252. 1793 -- dysentery, Coventry, CT, Caroline Co., MD, esp. Georgetown DC & vic.--hundreds  
 253. 1793 -- influenza epidemic, 5 counties, 4 week period, VA -- 500  
 254. 1793 -- scarlet fever, New England (esp. CT), New Jersey, New York, Philadelphia -- ≥25  
 255. 1793 -- Aug–Nov, yellow fever epidemic, Philadelphia, PA --4,041-5,000
256. 1794 -- scarlet fever, Bolton, Lebanon, East Haven, etc., and esp. New Haven (52) CT-- ≥76  
 257. 1794 -- June–Nov, yellow fever, Baltimore MD (200-360); New Haven, CT (64) --264-424  
 258. 1794 -- Aug 31–Sep 1, hurricane, New Orleans, Pilottown, Plaquemines, Avoyelles LA~10
259. 1795 -- “Throat Distemper” (diphtheria), Royalston (66) and Rutland (5) MA -- 71  
 260. 1795 -- dysentery epidemics, esp. Branford/East Haven/New Haven, CT/96, Norwich VT/60--≥156  
 261. 1795 -- scarlet fever, at least 16 MA towns, esp. Beverly/19, Sterling/8, Topsfield/11-- ≥39  
 262. 1795 -- July 19–Oct 12, yellow fever epidemic, NY City; Providence, RI (45) --745~800
263. 1796 -- dysentery, VT, MA, esp. Sheffield/mill ponds area, MA & Worcester MA--≥113-129  
 264. 1796 -- scarlet fever epidemic (especially children), Marblehead, MA and esp. VT --681-846  
 265. 1796 -- yellow fever, esp. Charleston, SC/300, New Orleans/250-400; Wilmington, NC/150--836-986
266. 1797 -- yellow fever epidemic, New York City, NY; Philadelphia, PA, MO, RI --2,502  
 267. 1797 -- sum-fall, dysentery, esp. Nantucket Isl. (100), Westport, MA (30); Hanover NH (24)-163  
 268. 1797 -- Sep 08, gale, slave ship *General Nichols* founders off FL/GA coastal border -- 132  
 269. 1797 -- Oct 18, storm, schooner *Flying Fish* knocked over, 7 drown inside, 4 later, off GA--11
270. 1798 -- sum-fall, dysentery, esp. Norwich/Pomfret/Salem/Sandgate, Shays’ Settlement, VT--≥141  
 271. 1798 -- yellow fever epidemic, esp. East Coast port cities, esp. Philadelphia, NYC ~10,000  
 272. 1798 -- Nov 17-21, New England blizzard and maritime storm -- >200
273. 1799 -- sixty native Alaskan bidarka’s lost in storm, Hinchinbrook Entrance, S.C. AK--200  
 274. 1799 -- yellow fever, esp. Charleston SC, NYC, Philadelphia, *Delaware & Greene* --1,356  
 275. 1799 -- July, paralytic shellfish poisoning,<sup>21</sup> Aleuts, Russians, Peril Strait, AK -- ~100  
 276. 1799 -- summer-fall, dysentery, especially children, Hanover, adjacent towns, NH --20-30
277. 1800 -- yellow fever, esp. Baltimore, Charleston SC, Norfolk, Providence RI--1,509-1,806  
 278. 1800 -- yellow fever, Baltimore, Charleston, SC, Norfolk, Philly, Providence, RI --1,806  
 279. 1800 -- Feb 01, U.S. frigate *Constellation* engagement with French *La Vengeance* -- 160  
 280. 1800 -- summer, dysentery, esp. children, esp. Francestown and Hanover, NH --103-113

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<sup>21</sup> “Paralytic shellfish poisoning, or PSP, is a potentially lethal toxin that can lead to fatal respiratory paralysis...The toxin comes from algae, which is a food source for clams, mussels, crabs and other shellfish found across Alaska. This toxin can be found in shellfish every month of the year, and butter clams have been known to store the toxin for up to two years. The toxin cannot be seen with the naked eye, and there is no simple test a person can do before they harvest. One of the highest concentrations of PSP in the world was reported in shellfish from Southeast Alaska.” (SEARHC, C. Bingham. “Paralytic shellfish poisoning (PSP) warning issued for Southeast Alaska.” 6-24-2010.)

281. 1800 -- July-Oct smallpox epidemic blamed on virulent smallpox vaccine, Marblehead MA-- 68  
282. 1800 -- Aug 30, Gabriel's Rebellion/slave uprising/mass hanging, Richmond, VA -- 35  
283. 1800 -- ~Sep, Revenue Cutter brig USS *Pickering* lost, gale/hurricane off FL --70-105  
284. 1800 -- Sep 20, USS *Insurgent* lost (W. Indies gale?); left Hampton Roads, VA Aug 8-- 340
285. 1801 -- Oct (1<sup>st</sup> week), dysentery (3-4 children a day), Salem, MA -- ≥10  
286. 1801 -- yellow fever epidemic, Queensborough and New York City, NY -- 156  
287. 1801-02 -- smallpox, Natives, esp. Chinook, Omaha, Osage, esp. Central, Northwest->9,090
- 1802 -- smallpox epidemic, Omaha nation, see 1801-1802 Smallpox, Native Americans ?
288. 1802 -- yellow fever outbreak, Wilmington DE, Boston, NH, Charleston, SC, Philly-- 561  
289. 1802 -- Feb 22-23, winter storm, ships ground, esp. *Brutus*, exposure, Cape Cod, MA-- 14  
290. 1802 -- June, Tlingits attack Russians/Aleut workers, Fort Archangel St. Michael, AK≤150  
291. 1802 --~Aug-Nov 2, dysentery, esp. Greenfield & Shelburne MA (92), Bridport VT/16-- 137
292. 1803 -- yellow fever epidemic, Alexandria VA, Charleston SC, NYC, Philly, PA --1,403  
293. 1803 -- Mar, massacre, crew of American ship *Boston*, Nootka, Vancouver Island -- 25  
294. 1803 -- summer-fall, dysentery, MA & VT, esp. Stowe and Stockbridge, VT (50) -- ≥82
295. 1804 -- epidemic, possibly cholera (or typhoid or plague) Natives, Oahu, Hawaii --~2,000  
296. 1804 -- scarlet fever ("Canker Rash"), Reading, Windsor County, VT (15), NYC (14)-- 29  
297. 1804 -- smallpox outbreak, New York City, NY --164-199  
298. 1804 -- tuberculosis, "phthisis pulmonalis," New York City (2,125 deaths all causes)-- 499  
299. 1804 -- yellow fever epidemics, NOLA, Brooklyn, NY & especially Charleston, SC-- 198  
300. 1804 -- Apr 04, tornadoes, six counties in GA and Edgefield County, SC -- 11  
301. 1804 -- summer-fall (2 month period), dysentery (especially children), Orwell, VT -- 60  
302. 1804 -- Sep 07-09, hurricane, esp. areas of Savannah, GA, Charleston, SC, maritime--~500  
303. 1804 -- Oct 09, "winter" storm, snow ("hurricane"), New England, esp. coast of MA-- ≥32
304. 1805 -- smallpox, New York City, NY -- 62  
305. 1805 -- tuberculosis (phthisis pulmonalis), New York City (2,344 deaths all causes) -- 462  
306. 1805 -- yellow fever, esp. NYC/270-340, Philly/300-400, Providence, RI/10, SC/≤59 --750-809  
307. 1805 -- Sep-Oct (esp.), dysentery, esp. Ashburnham/9, Beverly/24, Cambridge/9, MA-- 50
308. 1806 -- smallpox, New York City, NY (out of 2,225 deaths from all causes in NYC)-- 48  
309. 1806 -- tuberculosis (phthisis pulmonalis), New York City (2,225 deaths all causes) -- 354  
310. 1806 -- Aug 21-24, hurricane, GA to NJ coastal/maritime, *Rose in Bloom* upset/23, NJ-- 42
311. 1807 -- smallpox, New York City, NY (29 out of 2,312 deaths), Philadelphia (32) -- 61  
312. 1807 -- yellow fever epidemic, esp. Charleston, SC -- 169  
313. 1807 -- July, South Ferry scow sinks, Hudson River, Albany, NY -- 33  
314. 1807 -- July 11, schooner *Charles* wrecks on reef in fog, west of Portland Light, ME-- 16
315. 1808 -- smallpox, Philadelphia, PA, New York City, NY -- 207  
316. 1808 -- Sep 05-Oct, yellow fever epidemic, St. Mary's, GA -- 84  
317. 1809 -- yellow fever, esp. Brooklyn/NYC (42); New Orleans (civilian/military; ~800), LA-850

318. 1809 -- May-Feb 1810, disease/illness, U.S. Army, MS -- 656
319. 1810 -- Sep 11, USN *Gun Boat # 159* sinks in gale in Chesapeake Bay -- 13
320. 1810-11 -- “Canker Rash” (Diphtheria or Scarlet Fever),<sup>22</sup> children, Winchendon, MA-- 59
321. 1811 -- “Spotted Fever” (meningitis), NH ( $\geq 10$ ) & VT, esp. Woodstock (60-70), VT- 103-108
322. 1811 -- Jan, Deslondes Slave Rebellion and retaliation, German Coast, LA -- 101
323. 1811 -- Mar 22/23, American ship *Tonquin* crew drown trying to sound Columbia Bar, OR--8-10
324. 1811 -- Aug-Oct, yellow fever epidemic, New Orleans, LA -- >500
325. 1811 -- Sep 10, hurricane-spawned tornado, Charleston, SC --  $\geq 11$
326. 1811 -- Oct-Apr 1812, smallpox, New York City (117); Baltimore, MD (135) -- 252
327. 1811 -- Oct 05, gale/hurricane, USS gun boat *No. 2* sinks, off St. Mary’s, GA -- 34
328. 1811 -- Dec 16-Feb 7, 1812, earthquakes, New Madrid, KY, TN, NE AR, MO--~379-1,000
329. 1811 -- Dec 23-24, winter storm/blizzard, maritime losses, northern Long Island, NY-- ~20
330. 1811 -- Dec 26, fire, Richmond Theatre, Richmond, VA --70-75
331. 1812 -- Feb-Apr, Spotted Fever/Meningitis, esp. Acworth & Antrim NH; Pomfret & Reading VT--265-325
332. 1812 -- Aug 15, Pottawatomie Massacre of soldiers/homesteaders, Ft. Dearborn, IL -- ~98
333. 1812 -- Aug 19-20, hurricane, New Orleans, LA -- >100
334. 1812 -- Sep 4-5, massacre of settlers, by Shawnee, Pigeon Roost, IN -- 23
335. 1812 -- Dec 8, Wrightwood/San Juan Capistrano Earthquake, CA -- 42
336. 1812-13 -- Oct-June (esp.), Peripneumony/Lung Fever (pneumonia), VT, esp. Burlington--4350-6,400
337. 1813 -- Aug 8, schooners USS *Hamilton & Scourge* capsize, Lake Ontario squall ~Niagara Riv., NY->80
338. 1813 -- Aug 27-28, hurricane, Charleston, storm surge overruns Sullivan’s Isl., SC --23-24
339. 1813 -- Aug 30, Creeks massacre militia/settlers, Fort Mims, Baldwin Co., AL --250-400
340. 1813 -- Sep 01, Creek massacre of two families in Clarke County, AL -- 12
341. 1813 -- Sep 16, hurricane/gale, US Navy *Gun Boat No. 164* sinks, St. Marys, GA -- 20
342. 1813 -- Nov 3, Tallushatchee Battle/massacre, US Gen. Coffee destroys Creek vil., AL-191
343. 1813 -- Nov 18, Hillabee Massacre, US Troops attack Creek vil. suing for peace, AL-- 61
344. 1814 -- June 30, tornado sinks schooner USS *Alligator*, Port Royal Sound, SC -- 23
345. 1814 -- summer-fall, epidemic fever (referred to as Typhus), Wardsborough, VT --23-26
346. 1814 -- Aug 25, tornado, primarily invading British troops, Washington, D.C. -- ~30
347. 1814-15 -- winter, “Putrid Sore Throat”? epidemic, eastern VA, esp. Northern Neck, VA->100
348. 1815 -- smallpox, New York City, NY -- 94
349. 1815-16 --winter of, smallpox epidemic, Comanche Nation<sup>23</sup> -->4,000
350. 1815 -- Jan 23, Portland Maine Privateer *Dash* lost in squall, George’s Bank area --54-66  
1815 -- Apr 6, massacre, American prisoners-of-war, Dartmoor Prison, England -- 7- 9
351. 1815 -- Aug 8, last sighting of sloop-of-war USS *Epervier* lost at sea, Atlantic Ocean-- 134
352. 1815 -- Sep 23, hurricane, “Great September Gale,” NY, New England -- >38

<sup>22</sup> “Canker rash” was a term used to describe both what was later referred to as scarlet fever and diphtheria. There were similar and dissimilar symptoms. Thus without detailed descriptions at the time it is not clear which disease.

<sup>23</sup> We note “greater than” 4,000 in that 4,000 is the estimated Comanche loss, whereas it has been written that the Kiowa, for example, lost to smallpox numbers in a ratio comparable to the Comanche.

353. 1816 -- smallpox, New York City, NY -- 179
354. 1816 -- June 9, steamboat *Washington* explosion, Ohio River, Point Harmar, OH -- ~10
355. 1817 -- June-Dec, yellow fever, esp. Charleston SC, Natchez MS, New Orleans-1208-1,233
356. 1817 -- May 4, steamer *Constitution* boiler explosion, MS River, Point Coupee, LA --10-30
357. 1817 -- Aug 8-9, downpour, flooding, Jones Falls area, Baltimore, MD/6, York, PA/10--16
358. 1818 -- yellow fever epidemics, esp. Charleston SC (115); New Orleans, LA (115) -- 234
359. 1818 -- Mar 19, explosion, Du Pont Gun Powder Mill, Brandywine, DE -- 40
360. 1818 -- Aug 15, tornado, Stafford County, VA to Charles County, MD -- 30
361. 1818 -- Sep 12-13, hurricane, Galveston Island and ships in the area (14 lost), TX --<1,000
362. 1819 -- yellow fever, esp. Charleston, Mobile, Natchez; most esp. New Orleans --2871-3019
363. 1819 -- July 27-28, Bay St. Louis Hurricane, Mobile AL (also LA and MS) 43-200
364. 1820 -- Jan-March (mostly), scurvy, Cantonment Missouri (Army), Council Bluff, NE--190
365. 1820 -- Jan 11, last sighting of schooner USS *Lynx*, St. Mary's, GA to Jamaica -- 50
366. 1820 -- Mar 06, USN chartered schooner *Quaker* sinks in gale, Chesapeake Bay --41-46
367. 1820 -- Mar 20, steamboat *Buffalo* explosion, Owensboro, KY -- 17
368. 1820 -- May-Dec, yellow fever, Savannah GA/New Orleans/NYC/Philadelphia --1,335
369. 1821 -- Summer-fall, yellow fever, esp. Norfolk VA (~160); St Augustine, FL (172)-->414
370. 1821 -- Aug, smallpox, Baltimore, MD -- 47
371. 1821 -- Sep 03, hurricane, VA, MD, DE, PA, NJ, NY, MA, CT -- ~29
372. 1821 -- Sep 15-17, hurricane, LA, MS (schooner *Washington* founders, 20 dead) -- 35
373. 1821 -- Oct 25, storm, ship *Sea Fox* capsizes same day as sailing from NYC, NY -- 12
374. 1822 -- summer, "Bilious ["Intermittent"] Fever" epidemic, Louisville, KY -->140-232
375. 1822 -- yellow fever, esp. late sum-fall, esp. NOLA/Marietta OH/NYC/Pensacola<sup>24</sup>--1519-2,741
376. 1822 -- Jan 24, fire, Philadelphia Orphan Asylum, Schuylkill & Cherry, Philadelphia-- 23
377. 1822 -- June, Vesey slave insurrection conspiracy charge/executions, Charleston SC-- 35
378. 1822 -- Sep 27-28, hurricane, SC, NC, VA, especially Charleston and nearby coastal SC--~300
379. 1822 -- Oct 27, ship *Savannah* grounds / breaks-up near Fire Island, Long Island, NY-- 11
380. 1823 -- smallpox, Philadelphia, PA -- 160
381. 1823 -- July-Nov 1, yellow fever, Key West/>32, Natchez, MS/337, New Orleans/239-->613
382. 1823 -- Feb 08, steamboat *Tennessee* snags, Mississippi River, near Natchez, MS -- > 60
383. 1824 -- smallpox, NYC, NY, Philadelphia, PA, Sandusky, OH --740-745
384. 1824 -- May 15, steamboat *Aetna* boiler explosion, New York Harbor, NY --10-13
385. 1824 -- July-Nov, yellow fever, esp. Charleston SC (235); New Orleans LA (≥108) --364-373
386. 1824 -- Sep 14-15, offshore and coastal GA Hurricane, landfall near St. Simons, GA-->169
387. 1824 -- Oct 28, schnr. USS *Wildcat* founders, gale, Cuba to Thompson's Isl. W. Indies ~31

<sup>24</sup> Also includes 101 fatalities on the U.S. Frigate *Macedonian*, sailing in the Caribbean late Spring to mid-Summer.

388. 1825 -- yellow fever, esp. Mobile, Key West & Pensacola, NOLA, Natchez, Washington MS-428
389. 1825 -- May 05, *S.B. Teche* explosion, MS Riv., St. Catherines Creek ~Natchez MS--15-60  
 1825 -- Oct 07, wildfires, Miramichi (New Brunswick, Canada,  $\geq 160$ ); northern ME (0)-- 0
- 1826 -- Aug 18, landslide, Crawford Notch, White Mountains, NH -- 9
390. 1827 -- yellow fever, esp. Charleston, SC (64) & New Orleans (109) epidemics --  $\geq 195$
391. 1828 -- Jedediah Smith Massacre, natives attack trappers, Umpqua Ri., ~Gardiner, OR-- 15
392. 1828 -- yellow fever, esp. Charleston SC/26, Memphis/56, MS/90, New Orleans/150-- 332
393. 1828 -- May 14, steamboat *Car of Commerce* boiler explos., MS Riv., Canadian Reach, AR-30
394. 1829 -- yellow fever, esp. FL, Mobile AL/130; Natchez MS/90; New Orleans LA/900 --1,146
395. 1829-30, brig *Kamehameha* lost, left Honolulu HI, Dec 2, for Erromango Island--250~300
396. 1829-1833/esp. 1833--malaria? epidemic, West Coast natives; CA/20K, OR-WA/10K-- 30,000
397. 1829 -- Mar 10, British brig *William and Ann* lost on Clatsop Spit [grounded], OR --26-29
398. 1829 -- June 04, steam frigate *Fulton* magazine explosion, Navy Yard, Brooklyn --24-40
399. 1829 -- Sep 29, brig USS *Hornet* disappears in gale off Tampico, Caribbean -- 145
- 1830 -- malaria (?) epidemic West Coast natives (CA, OR, WA); see 1829-1833 above
400. 1830 -- July-Fall, yellow fever, Charleston, SC (39) & especially New Orleans (132)-- 172
401. 1830 -- Feb 24, steamboat *Helen McGregor* boiler explosion, MS riv., Memphis TN--33-60
402. 1830 -- Apr 01, steamboat *Tri-Color*, explosion, Ohio River, Wheeling, WV -- 15
403. 1830 -- Apr 18, stmr. *Caledonia* boiler explosion,, MS Riv., ~9m below New Madrid, MO-10-11
404. 1830 -- Apr 22, steamship *Chief Justice Marshall* boiler explosion, Hudson River, NY-- 15
405. 1830 -- July 26, flooding, Middlebury, New Haven and Lincoln, VT -- 14
406. 1830 -- Sep 16 or 17, sidewheel *William Peacock* steam pipe breaks, Lake Erie ~Buffalo NY-15  
 1830 -- Dec, First U.S. railroad fatality, Baltimore & Ohio Line -- 1
407. 1831 -- malaria (?) epidemic West Coast natives (CA, OR, WA); see 1829-1833 above
408. 1831 -- May 14, steamboat *Coosa* sinks, collision with *Huntress*, Caruthersville, MO-- 13
409. 1831 -- June 09, explosion, steamer *General Jackson*, Hudson Riv. Grassy Point, NY-- 12
410. 1831 -- July-Aug, schooner USS *Sylph* lost after leaving Pensacola, FL -- 13
411. 1831 -- Aug 21-23, Nat Turner slave revolt/massacre of Whites, Southampton Co., VA --55-65
412. 1831 -- Aug 23-31, White response to Turner revolt, Blacks killed without trial, VA/NC~32~54
413. 1832 -- malaria (?) epidemic West Coast natives (CA, OR, WA); see 1829-1833 above
414. 1832 -- yellow fever outbreak, New Orleans, LA -- 400
415. 1832 -- Apr 09, steamer *Brandywine* burns, Miss. River, Brandywine Island, AR --60-155
416. 1832 -- May 04, building collapse, Phelps & Peck, Cliff & Fulton Streets, NYC -- 10
417. 1832 -- June-Dec 16, cholera epidemics, esp. DC/LA/MD/NJ/NY/OH/PA/VA--16,781-18,491  
 --36 steamer *Chief Justice Marshall*  
 --13 steamer *Freedom*
418. 1832 -- June 02, storm, steamboat *Hornet* capsizes, OH River, above Maysville, KY-- 20
419. 1832 -- July ~12, Battle of Pierre's Hole, fur-trappers, natives on both sides, ID -- 13
420. 1832 -- Aug 02, Battle Island Massacre/Massacre of Bad Axe, WI -- < 60

421. 1832 -- Oct 5, schooner *Eliza Whittlesey* capsizes, squall, Lake Erie off Ashtabula, OH-- 10
422. 1833 -- malaria (?) epidemic West Coast natives (CA, OR, WA); see 1829-1833 above
423. 1833 -- May-Aug (esp.), Cholera, esp. KY/~2000, NOLA/1000, WV/OH/IN/TN/IL--6308-6,353
424. 1833 -- Early Aug-early Nov, Yellow Fever epidemic, New Orleans, LA --1,000  
1833 -- Unknown Epidemic, Natives, esp. Sacramento/San Joaquin Valleys, CA (see 1829)
425. 1833 -- Malaria epidemic, Concow Maidu villages, Butte County, CA vicinity -- ~800
426. 1833 -- May 19, St. *Lioness* fire & gunpowder explos., Red River, Montgomery LA--14-16
427. 1833 -- Early Sum., Cutthroat Gap Massacre, Osage attack Kiowa, ~Saddle Mt., OK--~150
428. 1833 -- June 7, steamer *Peruvian* boiler explosion, Miss. River ~New Orleans LA<sup>25</sup> --50-60
429. 1833 -- Oct 04, fire, Eagle Woolen Mills, Allegheny, PA -- 13
430. 1833 -- Oct 16, steamer *New England* boiler explosion, Conn. River, Essex, CT --13-20
431. 1833 -- Oct 31, steamer *St. Martin* burns, Mississippi River, Donaldsonville, LA --30-40
432. 1833 -- Nov 08, steamer *Illinois* boiler explosion, Mississippi River, near Cairo, IL -- 13
433. 1833 -- Nov, steamship *Caspian* burns, near mouth of Red River, MS --25-40
434. 1834 -- smallpox, New York City, NY (233) and Philadelphia, PA (195) -- 428
435. 1834 -- yellow fever epidemic, New Orleans ( $\geq 95$ ), LA; Charleston (49), SC -- 144
436. 1834 -- Apr 12, steamship *St. Louis* boiler explosion, Des Moines Rapids, IA -- 14
437. 1834 -- May 05, tornado outbreak, VA and MD -- 10
438. 1834 -- ~July-Nov, Cholera, esp. Baltimore, Cleveland, Detroit, Goliad TX, NYC -- $\geq 2,010$
439. 1834 -- Sep 04, hurricane, SC -- 37
440. 1834 -- Oct 24, *Missouri Belle* sinks in collision (*Boonslick*), ~Kenner & N.O., LA -- 30
441. 1835 -- Smallpox, especially New York City (351), Philadelphia (101) -- 452
442. 1835 -- Apr-Aug, Cholera, esp. Madison, IN; KY, esp. Russellville; New Orleans, TN--590-601
443. 1835 -- May 14, Planters' Hotel collapses, New Orleans, LA --  $\geq 10$
444. 1835 -- May 15, steamboat *Majestic* boiler collapse/explosion, Memphis, TN --38-40
445. 1835 -- Aug-Sep, Yellow Fever, Charleston SC (25-26) New Orleans LA (284-289)-309-315
446. 1835 -- Sep 18, hurricane, Corpus Christi, TX -- 14
447. 1835 -- Oct 01, steamer *Carrollton* explosion, Baton Rouge, LA -- 8-15
448. 1835-38, Nov-Spring 1838, Smallpox, Sitka, Gulf of AK, Kodiak, Aleutian Isl. natives, AK-- 13,105
449. 1835 -- Dec 02, *Lady Franklin* sinks, hit by *Portsmouth*, OH Riv. ~Owensboro, KY --15-18
450. 1836 -- Scarlet Fever, Boston, MA, New York City, NY, Philadelphia, PA -- 458
451. 1836 -- Feb 23-Mar 06, fall of the Alamo, Texans revolt from Mexico, TX -- 257
452. 1836 -- Mar 13, steamboat *Ben Franklin* boiler explosion near wharf, Mobile, AL --13-30
453. 1836 -- Mar 27, TX prisoners executed by order of Mexican Pres. Santa Anna, Goliad, TX--342
454. 1836 -- June 09, steamboat *Rob Roy* boiler explosion, Miss. River, near Columbia, AR-- 17
455. 1836 -- Aug 09, steamer *Motto* boiler explosion, Blennerhassett Island, OH River, WV--12
456. 1836 -- Oct 25, steamer *Royal Tar* burns/sinks off Fox Island, Penobscot Bay, ME -- 32
457. 1836 -- ~Oct, steamer *Nicholas Biddle* boiler explosion, below Memphis, TN --13-15
458. 1836 -- Nov 21/22, storm, U.S. ship *Bristol* wrecks, Far Rockaway Beach, Long Isl., NY-64-89

<sup>25</sup> One report states that there was a boiler explosion above New Orleans, another that it happened in Natchez MS, one which does not indicate location other than MS River between New Orleans and Louisville, and one which states that the explosion did not occur.

459. 1836 -- Dec 19, steam schooner *Dolphin* boiler explosion, off St. Johns Bar, FL -- 15
460. 1836-37 -- measles, New York City, NY -- 443
461. 1837 -- scarlet fever, Boston, MA, New York City, NY, Philadelphia, PA -- 823
462. 1837 -- smallpox, California Native Americans<sup>26</sup> 2,000-10,000
463. 1837-38--smallpox, upper Mid-West Native tribes, especially Dakotas/MT --10K~17,000
464. 1837 -- Jan 02, *Mexico* (US), grounds, Hempstead Beach, so. Shore Long Isl., NY--62-116
465. 1837 -- Mar 17, steamboat *Tiskilwa* hit by the *Wisconsin*, near mouth Ill. River, IL --10-20
466. 1837 -- spring, Santa Rita/John Johnson Massacre, Apache trading party, SW NM -- 20
467. 1837 -- Apr, severe gale, Georges Bank, three Gloucester MA fishing boats sink -- 24
468. 1837 -- May 08, steamer *Ben Sherrod* fire/explosions, MS River, Fort Adams, MS--120-175
469. 1837 -- June 14-15, thunderstorms, flooding, Jones' Falls, Baltimore, MD --24-30
470. 1837 -- June 19, steamboat *Crusader* boiler explosion, Rabbit Island, LA -- ~10
471. 1837 -- July 28, sidewheel *Chariton*, boiler explosion, St. Louis, MO -- 12
472. 1837 -- Aug-Nov, yellow fever Epidemics, Mobile AL; New Orleans LA; Natchez MS--1550-1930
473. 1837 -- Aug 6, hurricane, St. Augustine-Charleston schmr. *S.S. Mills* sinks off Jekyll Island, GA-14
474. 1837 -- Aug 11, trains collide, Portsmouth & Roanoke Line, near Suffolk, VA -- 13
475. 1837 -- Aug 15, steamer *Dubuque* boiler explosion, Miss. River, Muscatine Bar, IA --16-27
476. 1837 -- Oct 09, sidewheeler *Home* grounds, Racer's hurricane, Ocracoke Isl., NC --90-100
477. 1837 -- Oct 31, *Monmouth* collision, Creeks drown, MS Riv., Prophet Isl. Bend, LA--230-400
478. 1837 -- Nov 07, tsunami, islands of Maui and Hawaii, HI --15-≥16
479. 1837 -- Dec 27, *Black Hawk* boiler explosion/fire, Miss. River, Black Hawk Pt., LA--30-50
480. 1838 -- barque *Edward Quesnel* wrecks on Nepeague Beach, Long Island, NY --10-12
481. 1838 -- yellow fever, New Orleans LA (17), NY Marine Hosp. (8) Charleston SC (351)--376
482. 1838 -- Apr 21, steamer *Oronoko* flue collapse, Mississippi River, Princeton, MS--100-130
483. 1838 -- Apr 25, steamboat *Moselle* boiler explosion/fire, near Cincinnati, OH --81-200
484. 1838-39 -- May-Mar 1839, Cherokee Relocation, NE AL/NW GA/SE TN/NW NC to OK<sup>27</sup>~4,000
485. 1838 -- June 14, sidewheel *Pulaski* boiler explodes/sinks SE of New River Inlet, NC --95-141
486. 1838 -- June 16, stmr. *George Washington* (2d) burns, Lake Erie, ~Silver Creek, NY-30-50
487. 1838 -- Sep 07, hurricane, near Cape Florida, FL -- 38
488. 1838 -- Oct 08, massacre of surveying party near Dawson, Navarro County, TX -- 18
489. 1838 -- Oct 30, Haun's Mill massacre of Mormons, Caldwell County, MO -- 18
490. 1838 -- Nov 19, drownings, Lock and Dam No. 3, Green River, Rochester, KY -- 15
491. 1838 -- Nov 25, *General Brown* boiler explosion, Mississippi River, Helena, AR --55-60
492. 1838 -- Dec 3, stmr. *Augusta* boiler explosion, Miss. River ~11m north of Natchez, MS--10

<sup>26</sup> As noted in the narrative description section, Shelburne Friend Cook in his *The Conflict Between the California Indian and White Civilization*, Part 4, 1976, p. 213, writes that the three accounts he has before him giving estimates of 100,000 (2) and 200,000 to 300,000, are "obviously wild guesses." His own guesstimate (p. 214) is 2,000. We simply recognize the range. In another book in 1978 he writes that "the mortality may have reached 10,000."

<sup>27</sup> Also referred to as Cherokee Trail of Tears as well as a "forced-march" relocation. Geographic area of coverage comes from sources in Narrative document and map in Thornton (1990) from Morris, Goins and McReynolds ([1965] 1986:20), entitled "The Trail of Tears." Shows two Cherokee relocation routes from area encompassing north/northwest GA, southwest NC, southeast TN and northeast AL. One route is northwest through TN into KY, westward to southern IL, then down into southeastern MO, into northern Ark. and then westward into OK. Second route was westward through TN and AR to OK.

493. 1839 -- Mar 18, Black Heath Coal Mine methane gas explosion, ~Richmond, VA --40-53  
494. 1839 -- May 06, *George Collier* steam escapes, Miss. River at Red River mouth, LA-26-30  
495. 1839 -- May 08, last seen, schooner USS *Sea Gull*, Tierra del Fuego to Valparaiso -- 15  
496. 1839 -- June-Oct, yellow fever, SC, FL, GA, TX, esp. Mobile, Natchez, New Orleans--~2764  
497. 1839 -- Aug 13, storm, Austrian brig *Terasto* (Perasto?) grounds, Long Beach Island NJ--13-14  
498. 1839 -- Nov 18, *Wilmington* boiler explosion, MS Riv., ~AR Riv. and Napoleon, AR--6-10  
499. 1839 -- Nov 25, brig *Neptune* grounds, Lake Michigan gale, Little Sable Point, MI -- 17  
500. 1839 -- Dec 15, winter gale, maritime losses, MA coast/harbors, esp. Gloucester, MA --67-90  
501. 1839 -- Dec 22-23, gale, maritime losses (*Henry*/3-5, *Lloyd*/9, *Pocahontas*/13), esp. MA- 24-27
502. 1840 -- yellow fever outbreak, Charleston, SC (22), New Orleans (3) -- 25  
503. 1840 -- Jan 13, steamer *Lexington* fire, sinks, Long Island Sound, NY --118-156  
504. 1840 -- Mar 19, Council House fight, Comanche Peace party (35), San Antonio, TX-- 42  
505. 1840 -- Mar, retaliation for Council House Comanche peace envoy deaths; prisoners killed-- 13  
506. 1840 -- Mar 25, brig *Escambia* founders betw. Frying Pan Shoals/Cape Lookout NC-12-15  
507. 1840 -- Apr 13, downpour, flooding, dams fail, esp. Pocasset River, Simmonsville, RI-- 18  
508. 1840 -- Apr 25, *Bedford* snags, mouth of MO Riv. ~Mobile Is. or Cora Is. Chute, MO -- 15  
509. 1840 -- May 07, tornado, Natchez, and on MS river (e. g. *Hinds*); LA Plantations -- ≥318  
510. 1840 -- May 10, schooner *Keola* sinks after ballast shifts, off Kahoolawe, Hawaii --26-36  
511. 1840 -- Aug 6-7, Council House Retaliation; Comanches raid Victoria & vicinity, TX-15-23  
512. 1840 -- Aug 12, battle, TX militia catch-up with Comanche raiders; attack ~Plum Creek TX--25-40  
513. 1840 -- Aug 22, State Street Canal Basin drawbridge fails, Albany, NY -- 21  
514. 1840 -- Oct 24, TX volunteers ambush Comanche camp, Red Fork Col. River, TX-110-140  
515. 1840 -- Nov 07, steamboat *Persian* boiler flue collapse, MS Riv., near Napoleon, AR-- ≥25  
516. 1840 -- Dec 12, steamboat *Cherokee* explosion, Arkansas River, Lewisburg, AR --16-17
517. 1841 -- steamer *Carolina* snags, Mississippi River, Osceola, AR -- 34  
518. 1841 -- Feb 13, sidewheel *Lamplighter* shaft breaks, sinks in storm, off Dog Island, FL--19  
519. 1841 -- Feb 22, fire, steamer *Creole*, Miss. River, Torras near Red River mouth, LA--12-36  
520. 1841 -- Mar 11, steamer *President* sails from New York for Liverpool, lost at sea -- 136  
521. 1841 -- June-Oct 15, yellow fever, esp. FL & LA, esp. New Orleans, also Vicksburg-3,498  
522. 1841 -- Aug 09, steamer *Erie* explosion/fire/sinks, Lake Erie off Silver Creek NY--100-200  
523. 1841 -- Aug 12, steamer *Louisiana* boiler explosion, Miss. River, ~Bayou Sara, LA --20-23  
524. 1841 -- Aug 20, fire, gunpowder explosion, carpenter's shop, Syracuse, NY --25-26  
525. 1841 -- Aug 29, steamboat *Keokuk* snags, Miss. River, St. Genevieve Island, MO --11-13  
526. 1841 -- Oct 03-04, hurricane, VA & New England -- 58  
527. 1841 -- Oct 23? schooner *Post Boy* lost/powder explos.~/gale?, Lake MI, 15m off Kalamazoo, MI--10  
528. 1841 -- Oct 25, pilot boat, then *William Gaston* yawl, capsizes, Indian River Bar, FL -- 14
529. 1842 -- sailing boat *Polka* tips over, sinks, off Thompson's Island, Mass Bay, MA -- 25  
530. 1842 -- Feb 19, steam towboat *Mohican* boiler explosion, MS Ri., New Orleans, LA--10-14  
531. 1842 -- Feb 25, steamboat *North Star* boiler explosion & fire, Tuscaloosa, AL --15-16  
532. 1842 -- Apr 04, launch from U.S steam frigate *Missouri* sinks, Potomac River -- 16  
533. 1842 -- Apr 14, steamboat *Medora* boiler explosion, Baltimore Harbor, MD -- 28  
1842 -- June 16, tornado, Adams County, MS -- do not think this happened -- -- 500



534. 1842 -- July-Oct, yellow fever epidemics, Mobile AL (66-77), New Orleans (211) --285-289
535. 1842 -- July 03, steamboat *Edna* boiler explosion, near mouth of Missouri Riv., MO-- 55
536. 1842 -- Oct 08, *S.B. Eliza* snags/sinks, Miss. Ri. ~5m above mouth OH Ri, IL Shore--30-40
537. 1842 -- Nov 15-18, Great Lakes Storm, maritime losses, especially Lake Erie -- >65
- 8 *Brandywine* (schooner), aground, 15 Nov 1842.
  - 6 *Caroline* (schooner), sunk?, 18 Nov 1842.
  - 6 *Detroit* (schooner), aground, 15 Nov 1842. Lake Erie off Ontario Province, Canada
  - 1 *Edwin Jenny* (schooner), aground, 15 Nov 1842. Lake Erie, Canadian shore.
  - 8 *Emily* (schooner), lost, 18 Nov 1842. Capsized off Long Point, Canada, Lake Erie.
  - 9 *Jefferson* (schooner), aground, 18 Nov 1842. Grounded, Buffalo, NY, Lake Erie.
  - 2 *Jena* (schooner). Out of Detroit, lost two men off Grand River, Lake Michigan.
  - 6 *Liguire* (schooner), aground, 15 Nov 1842. Point Abino, Canada side, Lake Erie.
  - 2 *Merchant* (schooner), rudder damaged, 11-15-1842. Fairport Harbor, NY, Lake Erie.
  - 10 *Milwaukie* (ship), aground, 11-18-1842. Near Kalamazoo River mouth, Lake Mich.
  - 7 *N. Hubbard* (schooner), aground, 15 Nov 1842. Off Conneaut OH, Lake Erie.
538. 1842 -- Nov 30, coastal storm, *Isadore* lost, Cape Neddock ME, also MA and NH --28-30
539. 1843 -- Feb 17, landslide, clay hill being mined at base, Troy, NY --17-18
540. 1843 -- Mar ~15, USS *Grampus* lost at sea, probably in a gale off Charleston, SC -- 25
541. 1843 -- Mar 17, steamboat *Cutter* flue collapse, Pittsburgh, PA -- 15
542. 1843 -- July-Nov, yellow fever, esp. Mobile AL (240-750), New Orleans (487-700)--758-1481
543. 1843 -- Aug, Gloucester MA fishing schooner *The Byron* lost, "South Channel" -- 10
544. 1843 -- Aug 05, cloudburst, flash flood, west and southwest of Philadelphia, PA -- 19
545. 1843 -- Sep 19, steamboat *Clipper No. 1* boiler explosion, MS Riv., Bayou Sara, LA--30-40
546. 1843 -- Sep 25, gale, steamer *Sarah Barnes* sinks in gulf, west of Sabine Pass, TX --17-18
547. 1844 -- yellow fever, esp. Galveston TX (400); Mobile AL (40); New Orleans LA (148)--590
548. 1844 -- Jan 03, steamer *Shepherdess* snags/sinks, MS Riv., 3M No. St. Louis, MO --57-100
549. 1844 -- Mar 01, steamers *Buckeye & De Soto* collide, MS River, ~Atchafalaya, LA --50-80
550. 1844 -- May-June, flooding, esp. IL, OH, KS, MO, Red, Upper MS and MO Rivers -- 400
551. 1844 -- May 6-8, riots, Protestant Nativists and Catholic Irish, Philadelphia, PA -- ~14
552. 1844 -- June 15, powder and gas explosions, Black Heath Coal Mine, ~Richmond, VA-- 11
553. 1844 -- June 19, steamer *Palestine* fire / drownings, above Cairo, IL, OH Riv., KY side--12
554. 1844 -- July 06-08, anti-Irish-Catholic Nativist riot/Military Response, Philly, PA --15-20
555. 1844 -- Aug 06, hurricane, today's Brownsville, TX area, esp. Brazos Santiago TX -- 70
556. 1844 -- Oct 19, lower Great Lakes storm, Lake Erie, Buffalo NY, -- 200
557. 1844 -- Oct 23, stmr. *Lucy Walker* boiler explosion, Ohio River ~New Albany, IN --56-80
558. 1844 -- Dec 14, collision, *Belle of Clarksville/Louisiana*, MS River, ~Memphis, TN--31-36
559. 1845 -- Feb 8, stmr. *Siren* boiler explodes, Apalachicola Riv., below Chattahoochee, FL-10
560. 1845 -- Apr 07, steamboat *Swallow* breaks on rock, Hudson River, near Athens, NY--15-40
561. 1845 -- July 01, steamboat *Marquette* boiler explosion, New Orleans, LA --17-30
562. 1845 -- July 19, fire and explosion, New, Broad, Beaver, Broadway Sts., NYC, NY -- 30
563. 1845 -- Jul 23, steamboat *Big Hatchie* boiler explosion, Missouri River, Hermann MO-->35
564. 1845 -- Aug 12, steamers *London & Kent* collide (*Kent* sinks), L. Erie, Pt. Pelee, Ont.-- 10
565. 1845 -- Oct 27, *Plymouth* sinks in collision (*Lady Madison*), OH Riv., Shawneetown IL--25

566. 1845 -- Dec 11, steamer *Caspian* snags and sinks, Miss. River, Island No. 25, AR -- 40  
567. 1845 -- Dec 18-19, steamer *Belle Zane* snags/capsizes, MS Riv., Island No. 75, AR --40-76
568. 1846 -- Jan 12, cave-in, Delaware & Hudson Coal Mine, Carbondale, PA -- 14  
569. 1846 -- Feb 13/14, steamers *Congress & Saladin* collide, MS Riv. KY Bend, KY --15-30  
570. 1846 -- Feb 14/15, winter snow storm, *John Minturn* & other boats wreck, NJ --50-60  
571. 1846 -- Mid Apr, Sacramento River massacre, Carson/Fremont attack Natives, N. CA->175  
572. 1846 -- May 07, tornado, Grenada, MS -- 21  
573. 1846 -- May 27-28, steamer *Queen City* steam pipe bursts, MS River, Natchez, MS --12-17  
574. 1846 -- June 27, brig *Sutley*, Pictou N.S. to Fall River, wrecks, Vineyard Sound MA-- 30  
575. 1846 -- Aug-Oct, yellow fever, New Orleans, LA (146-160); and Mobile AL (4) --151-165  
576. 1846 -- Sep 05, storm, steamer *New York* founders ~60m off Cameron, LA --17-21  
577. 1846 -- Sep 19, gale, 11 fishing schooners lost at sea, out of Marblehead, MA -- 65  
578. 1846 -- Oct 12, Great Havana Hurricane, Florida, esp. Keys, East Coast to NY --60-90  
579. 1846 -- Oct 12, steamer *Colonel Harney* strands, breaks up, mouth of Rio Grande TX-- 15  
580. 1846 -- Nov 19, schooner *Lexington* sinks, Lake Erie storm, off Point Mouillee, MI -- 13  
581. 1846 -- Nov 19, sidewheel *Indian Queen* grounds/breaks, Lake Erie storm, ~Dunkirk NY-20  
582. 1846 -- Nov 21, steamers collide, *Maria* sinks, Miss. River, 7M below Natchez MS --30-50  
583. 1846 -- Nov 25, gale, Gloucester MA schooners *General Scott*, *Canton* lost, Georges-- 15  
584. 1846 -- Nov 27, *Atlantic* steam explosion, grounds, reef, gale ~Fisher's Island, NY -- 42  
585. 1846 -- Dec 08, storm, U.S. Naval Brig *Somers* capsizes off Vera Cruz, Mexico --30-32
586. 1847 -- smallpox, Modoc Native Americans, Southwestern Oregon -- >150  
587. 1847 -- typhoid and typhus, New York City (1,396), Typhus, New Orleans (154) --1,550  
588. 1847 -- Jan 19-20 Mexican/Pueblo Revolt, against U.S. NM occupation, Taos vic. --16->19  
589. 1847 -- Jan 21, stmr. *Phoenix* boiler explos.; *Phoenix/Manchester* deaths; Head of Passes, LA-- 18  
590. 1847 -- Jan 28, steamer *Tuscaloosa* boiler explosion/fire, Mobile riv., 10M no. of Mobile AL--~25  
591. 1847 -- Feb, Donner Party tragedy, winter storms, snow, starvation -- 43  
592. 1847 -- Apr 14, explosion, Du Pont Powder Works, Brandywine Ri., Wilmington, DE-- 18  
593. 1847 -- May 06, steamboat *New Hampshire* boiler explos., Ark Riv., Pine Bluff, AR-12-18  
594. 1847 -- June-Dec, yellow fever, esp. New Orleans; also Galveston, Mobile, Pensacola<sup>28</sup> -->3,400  
595. 1847 -- June 04 or 05, steamer *Edna* boiler explosion, Ouachita Riv. Columbia, LA --20-25  
596. 1847 -- June 09, ships collide, steamer *Chesapeake* sinks, Lake Erie, ~Conneaut, OH--8-10  
597. 1847 -- June 13~, schooner *Merchant* lost, Lake Superior storm, ~Keweenaw Peninsula MI--14-18  
598. 1847 -- June 29, *Star Spangled Banner* snags/sinks, MS Riv. Thomas's Pt., ~Baton Rouge, LA- 20  
599. 1847 -- fall, measles epidemic, Cayuse Indians, Southwestern WA -- >200  
600. 1847 -- Nov 19, steamers collide, *Talisman* sinks, Miss. River, Cape Girardeau, MO-- >51  
601. 1847 -- Nov 21, fire, steamboat *Phoenix* sinks, Lake Michigan off Sheboygan, WI-160-258  
602. 1847 -- Nov 29, Whitman Massacre, missionaries, ~Walla Walla, WA -- 15  
603. 1847 -- Dec 20, steamer *Westwood* hits bank in fog, boilers explode, below New Orleans LA--12-15  
604. 1847 -- Dec 29, steamer *A. N. Johnston* boiler explosion, OH River, ~Maysville KY-60-80
605. 1848 -- scarlet fever outbreak, Mobile, AL -- 75  
606. 1848 -- smallpox, esp. New York City, NY/585 and Philadelphia, PA/100 -- 691

<sup>28</sup> Was in at least 10 Louisiana locations other than New Orleans; also in Vicksburg and six other known locations in Mississippi; was in Memphis, TN, and Brazos, Houston and Matamoros, Texas. Mostly late Summer and Fall.

607. 1848 -- typhus and typhoid, New Orleans, LA/372, NYC/953, South Philly/205 --1,530
608. 1848 -- yellow fever, Mobile AL~76, New Orleans/850-872, NY Marine Hosp./12 --937-960
609. 1848 -- violence, vigilante riot, jailhouse, Cincinnati, OH -- 11
610. 1848 -- Jan 09, *Blue Ridge* boiler explosion, OH Ri., Raccoon Island, ~Gallipolis OH --15-30
611. 1848 -- Jan 18, steamboat *Yalobusha* burns, Mississippi River, Donaldsonville, LA -- 35
612. 1848 -- Apr 18 schooner *Tribune* sinks, Lake Michigan gale, off Cathed Point, MI -- 10
613. 1848 -- May 27, stmr. *Clarksville* burns, MS Riv., ~Isl. 75/Ozark Isl. ~Napoleon AR-21-41
614. 1848 -- May 27, steamboat *H. Kenney* boiler explosion, Tombigbee River, AL -- 8-50
615. 1848 -- Aug 12, steamer *Edward Bates* boiler explosion, Miss. River ~Hamburg, IL -- 53
616. 1848 -- Sep-early '49, measles/whooping cough/dysentery/influenza epidemics, HI--10,000
617. 1848 -- Sep 16, freighter *Goliah* fire/explosion, Lake Huron, east of Point aux Barques, MI- 18
618. 1848 -- Sep 17, steamer *Concordia*, flue/boiler explosion, MS Riv., Plaquemine, LA-28-29
619. 1848 -- Oct 06, steamer *Piney Woods* fire, drownings, near Springfield, LA --15-16
620. 1848 -- Nov 21, steamer *Wyandotte* snags and sinks, MS River, above Vicksburg MS-- 30
621. 1848 -- Dec, cholera, New Orleans, also MS Riv., Paducah KY, NYC, Port Lavaca TX --1,159
622. 1849 -- cholera, esp. OH (>7K); NY (>6K); Gold Rushers (~5K); Natives (~6K)<sup>29</sup> >45K-51,455
- 1849 -- by Mar 24, cholera, steamboat *Yorktown*, Miss. Riv. before reaching Cairo IL-- 10
- 1849 -- After Apr 21, cholera on Steamboat *Mary*, MS Riv. before St. Joseph -- 50
- 1849 -- Apr-early May?, cholera, steamer *Weston*, up Missouri Riv. to Ft. Leavenworth--10
- 1849 -- Early May~May 10, cholera, Steamer *Monroe*, St. Louis to Jefferson City<sup>30</sup> --63-70
- 1849 -- May 16 (by), steamboat *Winfield Scott*, New Orleans to Louisville, cholera --28-29
- 1849 -- early June, cholera, steamboat *Uncle Toby*, MS River, ~Quincy to Rock Isl. -- 27
- 1849 -- Nov (early to 15<sup>th</sup> arrival at St. Louis), steamboat *Constitution*, cholera<sup>31</sup> --12-17
623. 1849 -- scarlet fever outbreak, Mobile, AL -- 50
624. 1849-50 -- scurvy,<sup>32</sup> California Gold Rush immigrants ~10,000
625. 1849 -- Aug-Dec, yellow fever, Charleston SC/125, Mobile AL/50, New Orleans/737--912-944
626. 1849 -- Jan 14, steamer *Richland* boiler explosion, Pee Dee Riv. Britton's Ferry, SC-- 15
627. 1849 -- Mar, Ore. miners kill Maidus, American River, Weber's Creek, Coloma, CA-- >22
628. 1849 -- Mar 03, steamer *Woodsman* flue explosion Mississippi Riv., Bayou Sara, LA-15-16
629. 1849 -- Mar 31, steamer *Virginia* boiler explodes, sinks, Ohio River, Rush Run, OH--14-16
630. 1849 -- Apr 17, *Outward Bound* founders, Lake Michigan storm, Manitou Passage, MI--11
631. 1849 -- Apr 26~ whites massacre natives Daylor mine & ranch, Cosumnes Riv. area, No. CA-->17

<sup>29</sup> There were outbreaks in other States (see narrative document). We note that our sources could not have had access to all cholera deaths in areas of coverage. Collins and Collins write in *History of Kentucky*, there were many more deaths in the smaller towns and the countryside than they were able to chronicle. This must have been true all up and down routes of river and rail traffic as well as in the wagon trains heading west during the Gold Rush. In addition, part of the explanation for the range has to do with what was called a death by cholera or a death caused by cholera-like symptoms, such as diarrhea or dysentery (interestingly co-incident in epidemic form during a cholera outbreak).

<sup>30</sup> Counted as well in 1849 Cholera listing (which contains narrative content). We have not yet been able to break out the number of people dying on the *Monroe*, as opposed to those who died from the *Monroe* after landing, and the citizens who were infected with cholera and subsequently died in Jefferson City and in Cole County. Thus, it is conceivable the number dying on the *Monroe* was less than sixty-three. Talked with member of Jefferson City, MO, Historical Society 4-27-2015, who indicated he would seek to research to clarify the fatalities.

<sup>31</sup> St. Louis paper notes 17 deaths; a later New Orleans paper writes that of that number only 12 were truly cholera.

<sup>32</sup> Severe vitamin C deficiency which can lead to death. GARD (Genetic and Rare Diseases Information Center), National Institutes of Health, U.S. Dept. of Health & Human Services, includes scurvy as a disease and shows a table which "lists symptoms that people with this disease may have."

- 632. 1849 -- May 10, Astor Place Opera House riot & government response, NYC --16-30
- 633. 1849 -- May 17, fire, 27 boats, much of wharf and business district, St. Louis, MO -- 3-20
- 634. 1849 -- May 18, steamer *Empire* & schooner *Noah Brown* collide, Newburgh Bay, NY--24
- 635. 1849 -- June 09, steamboat *Embassy* flue collapse, Ohio River, Three Mile Bar, KY --14-25
- 636. 1849 -- Sum-Fall, heat/sunstroke, esp. MA (63), NY (56), PA (26), LA (25), MO/11-- 248
- 637. 1849 -- Oct 06-07, hurricane/severe storm, *St. John & Levi Woodbury* wreck, MA -- 143
- 638. 1849 -- Nov 09, Bath, ME ship *Hanover*, grounds, gale, mouth Kennebec Riv., ME --24-26
- 639. 1849 -- Nov 15, steamboat *Louisiana* boilers explode, sinks, New Orleans, LA --86-150

**From 1850 US Census (conducted June 1, 1849-May 31, 1850) of 36 States/Territories/DC**

- 640. 1850 -- Cholera, esp. Sac. & SF, CA, IL, IN, KY, LA, MO, OH, TN, WI<sup>33</sup> --14,158-14,637
- 641. 1850 -- Croup (contagious upper airway viral infection)/diphtheria, esp. OH/NY/PA --10,706
- 642. 1850 -- Dysentery, esp. NY/3691, PA/2683, OH/2568, MA/2437, IN/1270, CT/965--20,556
- 643. 1850 -- Measles, especially NY/505, OH/363, PA/316, VA/222, MO/189, IN/163 --2,988
- 644. 1850 -- Scarlet Fever, esp. PA/1,974, OH/1,301, NY/1,028, MA/571, MD/561, VA/523--9,584
- 645. 1850 -- scurvy, especially MO/18, NM Territory/5, OH/5, LA/NY/VA/4 each, IA/3 -- 54
- 646. 1850 -- smallpox, esp. OH/551, NY/276, MA/232, PA/208, KY/150, MD/144, IN/140--2,352
- 647. 1850 -- tuberculosis (consumption), esp. NY/6,691, PA/3,520, MA/3,426, OH/2,558 --33,516
- 648. 1850 -- typhoid fever, 31 States, Washington, DC, four Territories --13.099
- 649. 1850 -- whooping cough, esp. NY/649, OH/450, GA/385, AL/305, PA/288, SC/269 --5,280
- 650. 1850 -- yellow fever, esp. Jefferson/Orleans Parishes/New Orleans, LA and SC<sup>34</sup> -- 862
  
- 651. 1850 -- Sweathouse Massacre, Sonoma County Whites kill Natives, Napa County, CA-- 11
- 652. 1850 -- "Friendship Feast," Whites poison Trinity Riv. Wintu Natives, Shasta Co., CA-145
- 653. 1850 -- Jan 23, *St. Joseph* boiler explodes, MS Ri., Islands No 80/81, ~Napoleon AR--8-20
- 654. 1850 -- Feb 04, boiler explosion, Taylor & Co. building, Hague St., Manhattan, NY --60-75
- 655. 1850 -- Feb 25, Smith/Kelsey massacre Natives, Henry Fowler ranch, no. Napa Vly. CA>13
- 656. 1850 -- Mar 04, steamer *Orline St. John* burns/sinks, Ala. Riv. ~Bridgeport Landing, AL--39-41
- 657. 1850 -- Mar 23, steamer *Troy* boiler explosion, ~Lake Erie, Niagara Riv. ~Buffalo NY- 18-22
- 658. 1850 -- Apr, Gloucester MA fishing schooners *Walter Scott* and *Specie* lost at sea -- 15
- 659. 1850 -- Apr 03, Sioux massacre Chippewa men, women, children, Apple River, WI -- 14
- 660. 1850 -- Apr 21, Quechan/Yuma Natives massacre Glanton gang, Winterhaven, CA -- 11
- 661. 1850 -- Apr 22, *Belle of the West*, fire/boiler explosion?, Ohio River, ~Warsaw KY --34-36
- 662. 1850 -- Apr 28, steamer *Cora* snags, sinks, Missouri River, below Council Bluffs, IA-- 15
- 663. 1850 -- Apr 28, stmr. *Anthony Wayne* boiler explosion, Lake Erie, ~Vermilion, OH --38-69
- 664. 1850 -- May, Jicarilla Apache/Utes massacre US Mail wagon train, Wagon Mound, NM-- 10
- 665. 1850 -- May 07, steamboat *Columbus* flue collapse, MS Riv., Island 4 ~Columbus KY-- 15
- 666. 1850 -- May 15, Bloody Island Massacre, USA attack Pomo, Clear Lake, CA --60-200
- 667. 1850 -- May 19, Russian River Massacre, US Army attacks Pomo, ~Healdsburg, CA-- >75
- 668. 1850 -- May 23, steamboat *St. Louis* flue collapse, MS Riv., Jefferson Barracks, MO--10-16
- 669. 1850 -- June 17, steamer *G.P. Griffith* fire, Lake Erie, off Chagrin River mouth, OH--250-300
- 670. 1850 -- July 09, fire and explosion, Old City, Philadelphia, PA -- 44
- 671. 1850 -- July 18/19, tropical storm remnant, flooding, East-Central PA --20-55

<sup>33</sup> This reflects zero Plains Native American deaths, whereas the range of cholera deaths amongst Plains natives in 1849 was 5,600-6,500. We believe that there must have significant loss of life, but have just not located sources.

<sup>34</sup> Seventh Census data supplemented by addition of at least 97 yellow fever deaths in New Orleans Aug-Sep.

672. 1850 -- July 31, steamer *America* boiler explosion, Lake Erie, near Barcelona, NY -- 11
673. 1850 -- Sep 02, rain/flooding, esp. east central PA, esp. Tamaqua, Nescopeck Forge--100-120  
1850 -- Sep 20, barque *Emily* from SF, Cal., lost off Cape St. Lucas, Baja, Mex.<sup>35</sup> -- ~198
674. 1850 -- Oct 05, *Kate Fleming* boiler explosion/fire, Ohio River, Walker's Bar, KY --11-12
675. 1850 -- Oct 06, storm, emigrant (Irish) ship *Saint John*, wrecks, Scituate, MA -- 99
676. 1850 -- Oct 29, steamboat *Sagamore* boiler explosion, Central wharf, San Francisco, CA --30-50
677. 1850 -- Nov 07, steamboat *Telegraph* boiler explosion, off New Castle, DE -- 15
678. 1850 -- Nov 21, 25 or 26, steamer *Antoinette Douglas* boiler explosion, AL Riv., AL-- 9-30
679. 1850 -- Dec 03, fire, Maine Insane Asylum, Augusta, ME -- 28
680. 1850 -- Dec 13, steamer-tug *Anglo-Norman* boiler explosion, ~New Orleans, LA --20-100
681. 1850 -- Dec 17, steamboat *Knoxville* boiler explosion, New Orleans, LA --12-20
682. 1850 -- Dec 17, steamboat *South America* burns, Miss. River, Morgan's Bend, LA --27-30
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683. 1851 -- smallpox, esp., NYC/562-586, Philadelphia/316; Augusta GA/7, Chicago/5 --895-909
684. 1851 -- typhus/typhoid, NYC/1,103, New Orleans/Typhus/228, Chicago/Typhoid/10 --1,341
685. 1851 -- yellow fever outbreak, New Orleans, LA -- 16
686. 1851 -- *Burlington* fishing schooner lost -- 13
687. 1851 -- *E. M. Shaw* fishing schooner lost at sea, out of Barnstable, MA -- 16
688. 1851 -- *Hamilton* fishing schooner lost at sea -- 11
689. 1851 -- massacre, White miners kill Wintu, burn Council House, Old Shasta, CA -- 300
690. 1851 -- Jan, Four Creeks Massacre, Natives attack cattle herders, present-day Bakersfield, CA-13
691. 1851 -- Jan, early, Rattlesnake Creek Massacre [?], Natives attack white miners, CA-- 72
692. 1851 -- Jan 07, Brig *Martha Sanger*, California to New York, wrecks, Caribbean -- 27
693. 1851 -- Jan 11, Whites attack Natives, Mt. ~No. Fork, San Joaquin Ri., Mariposa Co. CA --23-50
694. 1851 -- Jan 27, steamboat *John Adams* snags/sinks, MS Riv., above Greenville, MS -- 123
695. 1851 -- Feb 09, *Autocrat* sinks (*Magnolia* collision) MS Riv., Bayou Goula Bend, LA--~30
696. 1851 -- Feb 20, sidewheel ferry *St. Louis* boiler explosion, St. Louis, MO -- 20
697. 1851 -- Mar 02, steamer *Oregon* boiler explosion/fire, Miss. Riv., Island No. 82, AR --20-21
698. 1851 -- Mar 24, boats collide, *Lowell* sinks, OH Riv., Captina Isl., ~Moundsville, WV-- 15
699. 1851 -- Apr 10, fishing schooner *Harvest Home* of Newcastle, NH lost at sea -- 10
700. 1851 -- May 02, steamer *Webster* burns, MS riv., Island no. 86, Kentucky Bend KY--30~40
701. 1851 -- May 03-04, Conflagration, "Fifth Great Fire," San Francisco, CA -- ~14~30
702. 1851 -- June-Aug esp., Cholera, esp. St. Louis, IL, New OrL., Cincinnati, SD Sioux --3,314-3,322
703. 1851 -- Jun 10, Battle Rock battle, would-be settlers kill natives when attacked, Port Orford, OR-13-23
704. 1851 -- Jun 17, Maj. Kearny, USA Dragoons, attacks Natives, Rogue Ri. Vly., OR--~12-22
705. 1851 -- Jun 23-26, USA Maj. Kearny, other whites attack Natives, Table Rock, OR-- >10
706. 1851 -- Jun-Aug, Cholera, esp. IL, New Orleans, Cincinnati, St. Louis --2,266-2,269
707. 1851 -- Aug 20, steamboat *Dacotah* explosion, Peoria, IL -- 11
708. 1851 -- Sep 21, steamboat *James Jackson* boilers explode, OH Riv., Shawneetown IL-15-23
709. 1851 -- Sep 29, steamboat *Brilliant* boiler explodes, Miss. River, Bayou Goula, LA 27-100
710. 1851 -- Oct 03-04, storm, New England fishing schooners lost ~Prince Edward. Isl. -- 166  
1851 -- Oct 15, Fire, German Catholic Orphan Asylum, Cincinnati, OH -- 6
711. 1851 -- Oct 24, steamer *Henry Clay* sinks, Lake Erie storm, off Long Point, Ontario--16-19
712. 1851 -- Nov 22, Col. Casey (USA), attacks Coquille, south fork Coquille River, OR--5~15
713. 1851 -- Nov 27, School Students Panic, Stampede, Stairwell Collapse, NYC, NY -- 43

<sup>35</sup> Later reports deny this event happened.

714. 1851 -- Nov 27, *Archer* sinks after collision (*Die Vernon*), MS Riv., Enterprise Isl. ~Grafton, IL- 34-41
715. 1851 -- Nov 29, Steamers *Molly Grath & Pontiac No. 2* collide, OH Riv. ~Owensboro, KY-20
716. 1851 -- Dec 04 or 09, Steamboat *Clermont* snags, sinks, White River ~Augusta, AR--20-23
717. 1852 -- cholera, esp. NY/1.3K, IL/1.2-1.3K, New Orleans/1K-1.3K, MO/~1K --4,381-4,736
718. 1852 -- smallpox, Nevada City, CA natives, NYC (407-516), Philadelphia/427 --943-1,052
719. 1852 -- yellow fever, Savannah GA (9), Charleston SC (310), New Orleans, LA (415)--745
720. 1852 -- Jan 09, steamboat *Magnolia* boiler explosion, St. Simon's Island, GA -- 13
721. 1852 -- Jan 14, *George Washington* boiler explosion/fire, MS Riv., Grand Gulf, MS--16-20
722. 1852 -- Jan 14, steamer *Martha Washington* burns, MS Riv., Island #65 ~Jackson Pt.--5-10
723. 1852 -- Jan 25, steamer *De Witt Clinton* snags, sinks, MS Riv. below Memphis, TN --35-40
724. 1852 -- Jan 31, steamer *General Warren* grounds/wrecks, Columbia River bar, OR -- ~42
725. 1852 -- Feb 16, flues collapse, *May Queen*, Ark. River, 45m below Little Rock, AR -- 12
726. 1852 -- Mar, Gloucester MA schrs. *Golden Fleece & C.E. Parkhurst* lost, Georges Bk.-- 17
727. 1852 -- Mar 12, massacre of Natives, upper crossing Klamath Ri. ferry & Indian Flat, CA- 30-40
728. 1852 -- Apr 03, steamboat *Glencoe* boiler explosion and fire, St. Louis, MO --40-62
729. 1852 -- Apr 03, steamer *Redstone* boiler explosion, Ohio River 3M~ Carrolton, KY --26-40
730. 1852 -- Apr 09, steamboat *Saluda* boiler explosion, Missouri Riv., Lexington, MO--54-100
731. 1852 -- Apr 16, steamer *Pocahontas* fire, MS Riv., Isl. No. 78, Choctaw Bend, AR --10-11
732. 1852 -- Apr 23, Bridge Gulch Massacre, whites attack natives ~Hayfork, No. CA--140-153
733. 1852 -- Apr 25, steamboat *Prairie State No. 2*, boiler explosion, Pekin, IL -- 20
734. 1852 -- Apr 26, steamers collide, *Chickasaw* sinks,<sup>36</sup> OH River, French Islands, KY -- 20
735. 1852 -- Apr 30, tornado, New Harmony, IN -- 16
736. 1852 -- summer, Capt. Crosby force massacre Modocs, Tule Lake reg., CA/OR Border--11-15
737. 1852 -- July 03~, Harvey party attacks Yokut village, Kings River rancheria, CA --9~30
738. 1852 -- July 05, steamer *St. James* boiler explosion/burns, Lake Pontchartrain, LA --38-40
739. 1852 -- July 17, Whites attack Rogue River Natives, Big Bar, near Table Rock, OR -- 4-20
740. 1852 -- July 12, *City of Oswego* sinks, collision *America*, L. Erie ~Willowick, OH --15-20
741. 1852 -- July 28, steamer *Henry Clay* burns and sinks, Hudson River, Yonkers, NY --70-90
742. 1852 -- Aug 20, fog/steamers collide, *Atlantic* sinks, Lake Erie off Long Pt. Ont.--150~300
743. 1852 -- Aug 22, overcrowded ferryboat capsizes, Hudson River, Albany, NY --10-20
744. 1852 -- Aug 22, *Doctor Franklin No. 2* flue collapse, MS Riv. ~Ste. Genevieve, MO-- 32
745. 1852 -- Sep, Bloody Point Massacre, Modocs attack wagon train, Tule Lake, North CA--62
746. 1852 -- Sep 04, steamboat *Reindeer* boiler explosion, Hudson River ~Bristol, NY --28-38
747. 1852 -- Nov, Ben Wright massacre of Modocs, peace talks, Lost Ri., Tule Lake, CA--30-41
748. 1852 -- Nov/Dec, unknown epidemic, Natives, Hock Farm, Sutter County, CA<sup>37</sup> -- 40
749. 1852 -- Nov 11-12, Cleveland steamer *Oneida* sinks, Lake Erie storm, E off Barcelona, NY-17-19
750. 1852 -- Nov 12, *Buckeye Belle* boiler explosion, Muskingum Riv., Beverly canal, OH-- 30
751. 1852 -- Dec 14, steamer *Magnet* boiler explosion, OH River, Grandview Island, WV-- 10
752. 1852 -- Dec 14, steamers collide, *Western World* rolls over, MS Riv., Princeton Lndg., MS--12
753. 1853 -- cholera, New Orleans, LA (554-585); Choctaw on Arkansas Riv., OK/14 --568-599
754. 1853 -- pneumonia outbreak, Native Americans, near Cherokee, Butte County, CA -- 40

<sup>36</sup> Collision was with the *W. B. Clifton*.

<sup>37</sup> Our use of Nov/Dec in the dating is speculative. The source is the *Sacramento Union* of Dec. 13 and 17, 1852, noting fatalities during one month at the Sutter's Hock Farm.

755. 1853 -- smallpox, esp. natives, HI, Nevada City vic., CA, OR/WA; also NYC--7,450-9,450
756. 1853 -- typhoid fever outbreak, Native Americans, Nevada City vicinity, CA -- ~100
757. 1853 -- Pence party attacks Native American camp ~ Messilla Valley, Butte Co., CA-- 27
758. 1853 -- Jan 09, bark *Vandalia* found bottom-up off McKenzies Head ~North Head WA--9-12
759. 1853 -- Feb 16, steamer *Independence* hits rock/sinks, Margarita Isl., Lower CA --120-172
760. 1853 -- Feb 16/26, brig *Vintage* sails, Salem, MA for West Coast of Africa, lost at sea-- 10
761. 1853 -- Mar 01, cattle theft reported, Whites attack Natives in cave ~Oak Grove, CA-- 13
762. 1853 -- Mar 23, steamer *Farmer* boiler explosion, was racing, Galveston Bay, TX --32-36
763. 1853 -- Apr 11, steamship *Jenny Lind* boiler explosion, San Fran. Bay ~Redwood City, CA-33-34
764. 1853 -- Apr 25, trains collide at track crossing (negligence), Grand Crossing ~Chicago, IL --18-21
765. 1853 -- May-Dec, yellow fever, esp. AL/1293, LA/~15K, MS/1311 TX/871--18,770 --19,533
766. 1853 -- May 6, train goes through open drawbridge into Norwalk Riv., So. Norwalk CT--45-46
767. 1853 -- May 15, US (Baltimore built) *Monumental City* grounds, Tullaberga Is. Aus.-32-37
768. 1853 -- June 20, steamboat *New World* boiler explosion, New York, NY -- 11
769. 1853 -- Aug 9-15, heatwave, NYC/Boroughs/323, Boston, Jersey City, NJ, Philadelphia-- 383
770. 1853 -- Aug 12, head-on train collision, Valley Falls Station, Pawtucket, RI -- 13
771. 1853 -- Aug 24, Lane attacks Rogue River Natives ~Evans Creek ~Table Rock, OR --13-19
772. 1853 -- fall, Natives kill Chinese, west branch Feather River, Butte County, CA -- 10
773. 1853 -- fall, White/Chinese retaliatory attack re. Natives, Feather Ri., Butte Co., CA-40-60
774. 1853 -- Sep 06-07, hurricane, Western Atlantic -- 40
775. 1853 -- late fall, Burnt Ranch Massacre, settlers kill Tolowa/Yontocket, Smith Riv., No. CA--450-600
776. 1853 -- Dec 22, steamer *Marlboro/Marlborough* boiler explosion, Charleston, SC --14-15
777. 1853 -- Dec 24-Jan 2, gale, troopship *San Francisco* deck swept away off Carolinas--209-300
778. 1854 -- cholera, esp. NYC/2.5K, St. Louis/1.5K, Chicago, Detroit, Boston --10,275-10,467
779. 1854 -- smallpox, esp. Charleston SC/59, Chicago/12, Jacksonville FL/~15, NYC/624, Philly/40-- 750
780. 1854 -- Jan, tornado, Louisville Vicinity, KY -- 15
781. 1854 -- Jan 09, *General Bem* snags/lost, Arkansas River, Walnut Bend, AR -- 10
782. 1854 -- Jan 28, steamboat *Georgia* fire (boiler explosion?), Lake Pontchartrain, LA --25-60
783. 1854 -- Jan 29, Coos Co. miners massacre Coquilles, north of Coquille Ri. mouth, OR --16-17
784. 1854 -- Feb 15, Miller group massacres Chetco natives, Chetco River mouth, SW OR--~26
785. 1854 -- Feb 16, steamboat *Kate Kearney* boiler explosion, St. Louis, MO -->9-15
786. 1854 -- Feb, Gloucester, MA fishing schooner *Flight* lost, Georges Bank -- 12
787. 1854 -- Mar 02, boiler explosion/fire, Fales & Gray Railroad Car Works, Hartford, CT-- 21
788. 1854 -- Mar 05, steamboat *Caroline* burns White Riv. ~20M from MS Riv. mouth, AR -45-60
789. 1854 -- Mar 08, schooner *Robert Walsh* lost off Cape Hatteras, NC -- 10
790. 1854 -- Mar 09, steamer *John L. Avery* snags/sinks, Miss. Riv., Black Hawk Pt., LA--30-90
791. 1854 -- Mar 13, steamer *Reindeer*, boiler flue collapse, Ohio River, Cannelton, IN --40-46
792. 1854 -- Mar 27, steamer *Monroe* hits log/sinks, MS River, just north of Natchez MS--17-30
793. 1854 -- Mar/late through early April (esp.) scarlet fever outbreak, Jacksonville, FL -- ≤12
794. 1854 -- Apr 08, steamer *Gazelle* boiler explosion, Oregon City, OR -- 25
795. 1854 -- Apr 15, steamer *Secretary* explosion, San Fran. Bay, ~San Pablo Bay, CA -- 50
796. 1854 -- Apr 16, storm, packet ship *Powhatan* grounds/breaks off Long Beach Isl. NJ -250-311
797. 1854 -- Apr 25, arson fire, Jennings Building, Broadway, New York, NY -- 11
798. 1854 -- May 10, steamer *Pike* snags/sinks, MS Riv., Big Eddy, Wilkinson's Lndg., MO--10
799. 1854 -- May 15~, Asbill party kill Yuki natives, Round Valley, Mendocino Co., CA--32--40
800. 1854 -- May 19, mine explosion, Chesterfield Coal Mine, New Richmond, VA -- 19

801. 1854 -- Jun-Dec, yellow fever, esp. Jacksonville, Charleston, Galveston, NOLA, Savannah --4,313
802. 1854 -- June 29-July 23, heatwaves and sunstrokes, esp. St. Louis, MO; NYC, NY -- 91
803. 1854 -- July 04, two-train collision, near Relay House, Baltimore, MD -- 30
804. 1854 -- Aug 02, steamboat *Cape May* snags/careens/sinks, Ohio Riv., Mt. Vernon IN--7-18
805. 1854 -- Aug 07-08, voting riots, Nativist “Know Nothings” vs. Irish, St. Louis, MO -- 10
806. 1854 -- Aug 20, Ward Massacre, natives attack wagon train, Boise Riv. ~Caldwell, ID-- 19
807. 1854 -- Aug 26, steamboat *Timour* boilers explode, MO Riv. 3m~Jefferson City, MO--15-20
808. 1854 -- Aug 27, tornado, Jefferson County, Louisville, KY -- 25
809. 1854 -- Sep 07-13, hurricane, Mid-Atlantic Coast -- 26
810. 1854 -- Sep 12, steamer *Malon* sinks, Ohio River, near Paducah, KY -- 36
811. 1854 -- Sep 17/18, hurricane, steamer *Kate Ward* lost, Matagorda Bay, TX -- 14
812. 1854 -- Sep 27, US Mail steamer *Arctic* hit by *Vesta*, fog, Cape Race, NFLD --315-350
813. 1854 -- Oct 02 SS *Yankee Blade* capsizes on reef in fog, off Pt. Arguello, CA --15-30
814. 1854 -- Oct 06, steamer *Princess* burns, Mississippi River, Fort Adams, MS -- 14
815. 1854 -- Oct 08, sidewheeler *E.K. Collins* burns, Lake Erie, near mouth of Detroit Riv., MI-- 23
816. 1854 -- Nov 01, “The Arctic” train derailment, Chicago for Rock Island, IL -- 40
817. 1854 -- Nov 13, steamer *Bucephalus* sinks, Lake Huron storm, near Bird’s Creek, MI-- 10
818. 1854 -- Nov 13, storm, US immigrant ship *New Era* grounds on bar, Deal Beach, NJ--240-300
819. 1854 -- Dec 08, stmr. *Westmoreland* sinks/ice-laden, Lake MI storm, Manitou Passage, MI-17
- 1854 -- Dec 23-24, tsunami hits northern Pacific coast from Japan Earthquakes, OR -- 5
820. 1855 -- Jan 01, settlers massacre Tolowa, Etchulet/Achulet, ~Lake Earl, No. CA --30->100
821. 1855 -- Jan 27, steamer *Pearl* boiler explosion, Sacramento River, Marysville, CA --40-80
822. 1855 -- Mar, Gloucester MA schooners *Reporter*; *Abner L. Colby* lost, Georges Bank-- 16
823. 1855 -- Mar 19, Midlothian Coal Mine explosion, Coalfield, VA -- 55
824. 1855 -- Mar 23, steamboat *Bulletin No. 2* burns, Miss. River, Alsatia-Salem Bend, LA-- 23
825. 1855 -- May-Aug, cholera, IL/KS/KY/MO/OH/WI, esp. New Orleans/883 --1,797-1,869
826. 1855 -- Apr 02, “Know-Nothings” vs., “Over the Rhine” riot, Cincinnati, OH --10-12
827. 1855 -- Apr 20, propeller *Oregon* boiler explodes/sinks, Detroit River ~Belle Isle, MI-- 12
828. 1855 -- Jun-Nov, yellow fever, esp. New Orleans/2,670; Norfolk/Portsmouth, VA/3K--6,059
829. 1855 -- June 30, steamer *Lexington* boiler explosion/fire, Ohio Riv., ~Stephensport KY--30
830. 1855 -- Aug 06, vote day Know-Nothing anti-German/Irish/Catholic riot, Louisville, KY- 22
831. 1855 -- Aug 08, bark *L. M. Hubby* capsizes, Lake Michigan off Point Betsie, MI -- 10
832. 1855 -- Aug 29, No. PA railroad road crossing crash, Burlington, NJ, -- 25
833. 1855 -- Sep, cholera aboard Pacific steamer *Uncle Sam* on way to SF, CA -- 111
834. 1855 -- Sep, “Cpt.” Jarboe force massacres Achomawi natives, Pit River village, CA-- >70
835. 1855 -- Sep 05, cholera aboard steamship *Sierra Nevada*, leaving NY -- 95
836. 1855 -- Oct 08, Lupton Massacre, whites attack natives near Upper Table Rock, OR--23-41
837. 1855 -- Oct 09, Indians retaliate & attack settlers, upper Rogue River Valley, OR --12-15
838. 1855 -- Oct 27, propeller *Charter Oak* founders, Lake Erie gale, off Girard, PA --10-11
839. 1855 -- Oct 27-28, white/native conflict, Puget Sound area, White River val., WA --10-11
840. 1855 -- Nov 01, bridge failure under excursion train, Gasconade, MO -- 31
841. 1855 -- Nov 03, *Delaware* grounds, Lake Mich. storm, ~8 miles from Sheboygan WI-10-11



842. 1856 -- Jan 23, American steamer *Pacific* leaves Liverpool, sinks, Irish Sea ~Wales<sup>38</sup>-- 186
843. 1856 -- Feb 05, steamer *Belle* boiler explosion, nine miles above Sacramento, CA -- ~30
844. 1856 -- Feb 22/23, Natives attack garrison & settlers, Rogue River, Whaleshead vic., OR-31
845. 1856 -- Mar 15, steam ferry *New Jersey* fire, Delaware River, Philly to Camden, NJ --30-61
846. 1856 -- Apr/May 13, Whites attack Natives, near Visalia, Keysville & Battle Mt., CA-->40
847. 1856 -- Apr 15, Panamanian and American fight/riot, Panama City, Panama --16-20
- 1856 -- Apr 16~ steamers collide, *Northerner* sinks, Lake Huron, off Port Huron, MI<sup>39</sup>--1 or 12
- 1856 -- May 24/25, John Brown men kill pro-slavery men ~Pottawatomie Creek, Franklin Co., KS- 5
848. 1856 -- Jun 2-3 USA Cpt. Augur & Vols. attack Natives, Painted Rock Rogue Ri., OR-->21
849. 1856 -- July 01, wharf fails, Reed Street, Delaware River, Philadelphia, PA --10-20
850. 1856 -- July 17, North Penn. Rail Great Train Wreck, Camp Hill/Ft. Wash., PA --66-67
851. 1856 -- July 17, MI steamer *Northern Indiana* burns, Lake Erie, near Pt. Pelee, Ont. --40-58
852. 1856 -- Aug-Sep, yellow fever, Charleston SC/212-266, New Orleans/74, NY/12 --304-358
853. 1856 -- Aug 10-11, Hurricane Isle Derniere/Last Island, LA (*Nautilus* & *Manila* lost) --264-338
- 1856 -- Aug 30, pro-slavery force attacks Osawatomie (John Brown), Miami Co., KS-- 5-8
854. 1856 -- Sep 24, sidewheel *Niagara* burns/sinks, Lake Mich., off Port Washington, WI--40-60
855. 1856 -- Oct 24, stmr. *Toledo* sinks, Lake Michigan storm, off Port Washington, WI --40-61
856. 1856 -- Oct 29, sidewheel *Superior* grounds, Lake Superior gale, Pictured Rocks MI--34-42
857. 1856 -- Nov 02, schooner *Le Lyonnais* collision, Nantucket Island, MA --120-260
858. 1856 -- Nov 04, stmr. *J.W. Brooks* sinks, Lake Ont. gale, ~False Duck Island, Ontario --20-50
859. 1856 -- Nov 26, schooner *Cherokee* founders, Lake Mich. gale 7m so. Manistee, MI-- 14
860. 1857 -- Jan (beginning), "National Hotel Disease," dysentery?, Washington, DC -- >36
861. 1857 -- Jan-mid, white settlers attack Rogue River natives, Rogue River valley, OR -- ~10
862. 1857 -- Feb 21, steamer *Humboldt* sunk by *Belfast*, MS Riv., chute of Island No. 75, MS-- 15
863. 1857 -- Mar 08-13, massacre, Wahpetuke Dakota (Sioux) attack Spirit Lake, IA --35-40
864. 1857 -- Mar 13, schooner *Kamamalu* sails from Honolulu for Hilo, lost at sea -- ~70-72
865. 1857 -- Mar 27, Lake Michigan storm and marine disaster, Chicago, IL -- 15
866. 1857 -- Mar 30, steamer *Forest Rose* boiler explos., Miss. Riv., near Napoleon, AR --11-14
867. 1857 -- Apr 14, fire, warehouse wall/floor collapse, Charles Street, Baltimore, MD -- 12
868. 1857 -- May 31, steamboat *Louisiana* burns, Galveston, TX --35-66
869. 1857 -- June-Dec, yellow fever, Charleston SC, Jacksonville FL/127, New Orleans/199-- 353
870. 1857 -- Aug 15, steamers collide, *J.N. Harris* sinks, L. Isl. Sound, ~Falkland Isl., CT-13-15
871. 1857 -- Sep 03, massacre, Bluewater Creek, Col. Harney attacks Sioux Camp -- 85
872. 1857 -- Sep 11, Mt. Meadows Massacre, Mormons/Paiutes attack wagon train, UT --120-140
873. 1857 -- Sep 12, hurricane, steamer *Central America* sinks, Blake Plateau off Charleston SC--400-427
874. 1857 -- Oct 15, steamer *Tropic* snagged, Missouri River, near Waverly, MO --10-15
875. 1857 -- Oct 19, fire, brothel, stores, warehouses, S. Water Street, Chicago, IL -- 27
876. 1857 -- Oct 19, paddlewheel *Reindeer* (Can.) grounds, Lake MI gale, Big Sable Pt., MI--21
877. 1857 -- Nov 15, steamboats collide, *Opelousas* sinks, Gulf of MX, LA coast ~Berwick Bay LA-18
878. 1857 -- Nov 18, steamboat *Cataract* mud drum explosion, Missouri Riv., Lisbon, MO--12-15
879. 1857 -- Nov 18, storm, ~twenty coal boats sink, Ohio and Miss. Rivers ~Cairo IL -- ~100
880. 1857 -- Nov 19? schr. *Radiant/Radiant* sinks, Lake Erie, gale?, bound for Oswego NY-- 10

<sup>38</sup> While not on or near U.S. soil, the *Pacific* was a U.S. vessel, built in U.S., and manned with a primarily U.S. crew. Was considered a U.S. disaster at the time.

<sup>39</sup> We show this only because there were accounts of 12 deaths. Papers at the time note only one death – engineer.

881. 1857 -- Nov 21, steamer *Rainbow* burns/sinks, MS Riv., Victoria Bend, Napoleon AR-62-75
882. 1858 -- Jan 28, *Fanny Fern* boiler explosion/fire, OH Riv., near Garrison Creek, KY-17-20
883. 1858 -- Feb 04, *Colonel Crossman* boiler explosion, fire, Miss. Riv. ~New Madrid MO-- 14
884. 1858 -- Feb 17, steamer *Magnolia* boiler explosion, Cape Fear Riv., White Hall, NC--11-20
885. 1858 -- Feb 20, Pacific Hotel fire, St. Louis, MO --21-30
886. 1858 -- Feb 20, ship *John Milton* grounds in snowstorm, Montauk, SE Long Island NY--26
887. 1858 -- Mar 01, steamer *Eliza Battle* fire,<sup>40</sup> Tombigbee R. Kemps Landing ~Demopolis AL-- 29
888. 1858 -- Apr-fall, diphtheria, Albany, NY -- 167
889. 1858 -- Apr 02, steamer *Sultan* burns, Mississippi River near St. Genevieve, MO -- 23
890. 1858 -- Apr 22, steamer *Ocean Spray* fire (racing), Miss. River, near St. Louis, MO -- 23
891. 1858 -- Early May, killing of Yana Natives near Battle Creek, Tehama Co, No. CA -- 15  
1858 -- May 19, Marias des Cygnes Massacre, pro-slavery force raid, Trading Post, KS-- 5
892. 1858 -- May 31, tornado, Ellison, Warren County, IL -- 19
893. 1858 -- Jun-Dec, yellow fever, esp. Charleston SC; Galveston & Indianola; New Orleans/4855--6,490
894. 1858 -- early-mid Jun, whites attack Mattole natives, Mattole Valley, Humboldt Co.--15-20
895. 1858 -- Jun 13, *Pennsylvania* boiler explos./fire, MS Riv., Ship Isl., Hardin Pt., AR-60-160
896. 1858 -- Oct, fishing schooner *Village Belle* lost, out of Gloucester, MA -- 16
897. 1858 -- Dec, Gloucester MA schooner *John Franklin* lost after leaving Prince Ed. Il.-- 14
898. 1858 -- Dec 31 Whites kill Natives ~Eden Valley, Russian River area, Sonoma Co., CA-14
899. 1859 -- yellow fever, esp. Galveston/186, Houston/22, TX, New Orleans/91, LA -- 337
900. 1859 -- Jan 01, Whites kill Natives, Round Valley, Mendocino County, CA -- 40
901. 1859 -- Feb 27, steamer *Princess* boiler explosion/fire, MS River, ~Baton Rouge, LA-- 70
902. 1859 -- late Mar-May, White massacres of Yuki Natives, Round Valley, Mendocino Co., CA--240-400
903. 1859 -- Mar 28, steamers *Nathaniel Holmes* & *David Gibson* collide, OH Riv., Petersburg, KY-35-50
904. 1859 -- Apr 01~, storm, Gloucester schrs. *Grace T. Powers* & *Charles E. Grover* lost-- 17
905. 1859 -- Apr 24 steamer *St. Nicholas* boiler explosion/fire, MS Riv., 9m above Helena AR--60
906. 1859 -- May 26, tornado, Scott and Morgan Counties, IL -- 11
907. 1859 -- June 28, Springbrook bridge fails under Mich. So. Train, Mishawaka, IN -- 41
908. 1859 -- ~July, Hildreth militia massacres Natives, Round Valley vicinity, No. CA -- 17
909. 1859 -- July 28, Whites Massacre Natives near Forks of Butte, Butte County, CA -- ~10
910. 1859 -- July, last week, Breckenridge militia attack Natives, Tehama Co., No. CA --10-16
911. 1859 -- Summer, Chico Creek Canyon Massacre, Whites attack Maidu Natives, N. CA--~40
912. 1859 -- Late Aug~, <sup>41</sup> McElroy party massacres Natives Roff's Ranch, Pitt Riv. vic., CA≥49
913. 1859 -- Oct 11~, massacre, Jarboe volunteers attack Yuki camp, Round Valley, CA -- 11
914. 1859 -- Oct 16-18, John Brown Insurrection, Harper's Ferry, VA -- 20
915. 1859 -- Oct 18, propeller *Troy* founders, Lake Huron storm, ~Point aux Barques, MI-- 23
916. 1859 -- Nov 01, Chicago & Northwestern train derails, Johnson Creek, WI -- 14
917. 1859 -- Nov 24~, Jarboe's Eel River Rangers attack Natives, Round Valley vic., CA-- ≥27
918. 1859 -- Dec 16, ship *Silas Holmes* founders after grounding, Florida Keys vic., FL --32-33
919. 1859 -- Dec 19, whites attack natives, Round Valley, Mendocino County, CA --20-32
920. 1859 -- Dec 31, train and bridge disaster, near Columbus, GA -- 14

<sup>40</sup> All of the deaths were attributed to exposure to the freezing elements in the river and onshore by U.S. SIS.

<sup>41</sup> Date is uncertain. We have it as late August based on Cpt. Adams report of the incident dated Sep 3, Ft. Crook.

**From US Census, conducted 1859, June 1-May 31, 1860:**

921. 1860 -- croup (contagious upper airway viral infect.), esp. NY/1,797 PA/1,326 IL/1,158 --15,188  
 922. 1860 -- measles, esp. NY/746, OH/448, MO/246, PA/217, LA/216, IN/196 --3,809-3,900  
 923. 1860 -- scarlet fever, 38 Census Reg. States/DC, esp. NY/4680, OH/3417, PA/3156--26,402  
 924. 1860 -- smallpox, esp. MA/473, NY/303, OH/135, PA/87, ME/56, VA/24 --1,263-1,271  
 925. 1860 -- tuberculosis (consumption), esp. NY/8199, PA/5011, MA/4845, ME/2169 --49,082  
 926. 1860 -- typhoid fever, 38 Census Reg. States/DC, esp. PA/1344, IL/1183, MO/1056 --19,236  
 927. 1860 -- whooping cough, esp., VA/921, NY/708, PA/477, OH/408, NC/400, IL/382--8,408
928. 1860 -- Whites attack Yuki Natives near Round Valley, Mendocino County, CA -- 250  
 929. 1860 -- Jan 5, steamer *Northerner* hits rock off Centerville Beach, S of Humboldt Bay CA-33-38  
 930. 1860 -- Jan 10, building collapse, fire, Pemberton Cotton Mills, Lawrence, MA --90-145  
 931. 1860 -- Feb, Gloucester MA schrs. *George Washington, Advance, Wonson, Relief* lost-- 35  
 932. 1860 -- Feb 02, tenement building fire, 142 Elm Street, East Manhattan, NY, NY --10-20  
 933. 1860 -- Feb 26, Whites massacre Natives, Indian Isl. & Humboldt Bay vic., CA-->100->250  
 934. 1860 -- Mar 01, building wall failure, St. Francis Xavier Church, Cincinnati, OH -- 13  
 935. 1860 -- Mar 06, steamer *Alfred Thomas* boiler explosion, Delaware Riv., Easton, PA-10-12  
 936. 1860 -- Mar 28, fire, 40<sup>th</sup> Street tenement house, NYC, NY -- 10  
 937. 1860 -- Apr 26, steamer *Alfred T. Lacy* fire, Isl. 16, Linwood Bend, MS Riv., ~Booth Pt. TN-- 16  
 938. 1860 -- May 09, steamer *R.F. Sass* snags/sinks, Miss. River, Clark's Bar, ~Glover, MS-- 17  
 939. 1860 -- May 21, tornado, Louisville, KY to Portsmouth, OH -- 100  
 940. 1860 -- June 3, tornadoes, IA/117, esp. Camanche/~42, Albany area, IL/31, MS Riv./23--171-175  
 941. 1860 -- June 25, steamer *Ben. W. Lewis* boiler explosion/fire, Miss. River, Cairo, IL--23-50  
 942. 1860 -- Aug 11, hurricane, LA -- 47  
 943. 1860 -- fall, Snake River Massacre, immigrant wagon train attacked, pursued, OR -- 39  
 944. 1860 -- Sep 07-08, schooner *St. Mary* founders in Lake Michigan storm --all 11  
 945. 1860 -- Sep 08, steamer *Lady Elgin* collides with sch., sinks, Lake MI off Winnetka, IL-287~300  
 946. 1860 -- Sep 17-18, storm, *R. H. Dixie* wrecked, Bay of Mobile, off AL -- 16  
 947. 1860 -- Sep 18, U.S. Navy sloop-of-war *Levant* sails SE from Hilo, HI, Lost --150-210  
 948. 1860 -- Sep 21, Karstendeck building falls during fire and explosion, New Orleans, LA--15  
 949. 1860 -- Sep 22, Gloucester, MA sch. *Neptune's Bride* wrecks, Malcomb's Ledge, ME-- 12  
 950. 1860 -- Sep 24, boiler explosion, W. W. Wallace Marble Works, Pittsburgh, PA --10-12  
 951. 1860 -- Oct 31, steamer *H. R. W. Hill* boiler explosion, Miss. Riv., Baton Rouge, LA-- 39  
 952. 1860 -- Nov 03, steam towboat *Baltic* boiler explosion, Mobile Bay ~Mobile, AL -- ≤20  
 953. 1860 -- Nov 08, steamer *Globe* boiler explosion at dock, Chicago River, Chicago, IL-- 15  
 954. 1860 -- Nov 10, gale, American ship *John Marshall* lost, Strait of Juan de Fuca ~Cape Flattery WA~10-12  
 955. 1860 -- Nov 24, freighter *Dacotah*, grounds/breaks, Lake Erie Storm, ~Angola, NY -- 24  
 956. 1860 -- Nov 24, stmr. *Jersey City* grounds, Lake Erie storm, Long Pt., Ontario, Can.-- 17
957. 1861 -- Jan-June, cholera, New York City<sup>42</sup> -- 176  
 958. 1861 -- smallpox outbreak, Philadelphia, PA -- 758  
 959. 1861 -- Feb, Gloucester MA schrs. *Sweepstakes, Young, Stanwood, White Swallow* lost--34  
 960. 1861 -- Feb 02~, settlers kill natives, Eel Riv. above Sonoma Trail, Iaquia area, CA --13-39  
 961. 1861 -- Feb 28, steamer *Corrine* explosion, McDonoghville, across from NOLA, LA-- 15

<sup>42</sup> We are not implying that cholera existed in NYC just in Jan-June months. The NYC Board of Health report drawn upon in 1867 New York Times article, only covers the same Jan-June six months for six years, 1861-1866.

962. 1861 -- Apr 19, secession mob attacks 6<sup>th</sup> MA & 7<sup>th</sup> PA Regiments, Baltimore, MD -- 16
963. 1861 -- May 10, Camp Jackson Affair, Union German unit kills civilians, St Louis, MO≥28  
1861 -- Sep 23, Free-state Unionist Jayhawker guerrillas sack and burn Osceola, MO-- 9
964. 1861 -- Late Sep, Horse Canyon massacre, whites/natives attack Wailaki, Round Val. CA-100-240
965. 1861 -- Nov 02-3, hurricane, NC, MA; RI ship *Maritana* grounds near Boston Light-- 33
966. 1861 -- Nov 9-10~, NY steamer *Keystone State* sinks, Lake Huron gale, off Port Austin, MI--33
967. 1861 -- Dec-Jan 1862, flooding, AZ, CA, OR, WA, UT, especially OR and CA -->1,000?
968. 1861-65--Apr-June, dysentery, Civil War, Union/45K & Confederate/50K forces ---95,000
969. 1861-65--Apr-June, malaria, Civil War, Union/10K & Confederate/20K forces ---30,000
970. 1861-65--Apr-June, measles, Civil War, Union and Confederate troops ~11,000
971. 1861-65--May-June, scurvy, Civil War, white Union troops (non-POWs) -- 383
972. 1861-65--May-June, smallpox, Union soldiers & Confederate prisoners<sup>43</sup> --9,682
973. 1861-65--Apr-June, tuberculosis, Civil War, Union/6,946 deaths, Confederate/? ---14,000
974. 1861-65--Apr-June, typhoid fever, Civil War, Confederate and Union forces ---65,000
975. 1862-65--Feb-June, diarrhea & dysentery, Confederate POWs, Camp Douglas IL -- 698
976. 1862-65--Sep-June (34 months), dysentery/diarrhea, Confederate POWs, Alton, IL -- 229
977. 1862-65--Feb-June (41 mo.), malarial fevers,<sup>44</sup> Confederate POWs, Camp Douglas IL--233
978. 1862-65--Feb-June (41 mo.), pneumonia/pleurisy, Confederate POWs, Camp Douglas IL-1,296
979. 1862-65--Feb-June 1865 (41 months), scurvy, Confederate POWs, Camp Douglas, IL-- 39
980. 1862 -- Jan-June, cholera, New York City, NY -- 199
981. 1862 -- Yellow Fever, esp. Wilmington NC/>653; TX coast/≥328; Key West --1,131-1,679
982. 1862 -- Jan 01, storm, Gloucester schooners *Cynisca*, *Life Boat*, *Ocean Traveller* lost-- 29  
1862 -- Jan 15, train goes into canal at open drawbridge near St. George's station, DE-- 7
983. 1862 -- Feb 23, Confederate steamer *Cambridge* snags, Grand Glaise, AR -- 42
984. 1862 -- Feb 24, Blow of 1862, 15 Gloucester MA fishing boats lost, Georges Bank -- 122
985. 1862 -- Feb 27, steamboat *Prince* snags and sinks, Mississippi River, near Hickman KY-74
986. 1862 -- Mar 29, Sam. Jackson Cartridge Factory explos., Tenth & Reed, Philly, PA --15-17
987. 1862 -- June 04/5, Great Flood of '62, flooding & dam failures, Lehigh River, PA -- ~150
988. 1862 -- July 27, Pacific Mail steamboat *Golden Gate* burns/sinks off Manzanilla, Mexico ~213  
1862 -- or 1863, Aug,<sup>45</sup> steamer *Planet* sinks, Lake Superior ~Eagle Riv., Keweenaw Pt.--35
989. 1862 -- Aug, massacre of Wailaki natives, Upper Station, Round Valley Res. CA --23-24
990. 1862 -- Aug 9, sch. *Oriole* sinks, hit by *Illinois* in fog, Lake Sup. off Pictured Rocks, MI--12
991. 1862 -- Aug 10, Rebel cav. attacks fleeing Germans, Nueces River, Kenney Co., TX<sup>46</sup>-9-28
992. 1862 -- Aug 13, USS *George Peabody* & *West Point* collide, Potomac River, VA --70-76
993. 1862 -- Aug 17-23 especially, Dakota "insurrection," southcentral MN; also IA --750-779
994. 1862 -- Aug 21, steamer *Acacia* snags, sinks, Mississippi River, Grand Cut Off, AR-- ~40
995. 1862 -- Sep 17, Allegheny Arsenal explosion & fire, Lawrenceville/Pittsburgh, PA --74-79
996. 1862 -- Oct 07, steamboat *Ceres* boiler explosion off St. Joseph Island lighthouse, MS-- 12

<sup>43</sup> There is overlap with our 1863 entry (1,078 deaths) which includes Fort Delaware, Camp Chase, MD, and VA.

<sup>44</sup> Categorized as intermittent (lets-up but then comes back) and remittent (fluctuating body temperatures).

<sup>45</sup> Though reported in a source, the *Planet* did not sink in August 1862 or 1863. The *Planet* did pick up a survivor of the *Sunbeam* sinking in a storm at this location Aug 28, 1863.

<sup>46</sup> The range is meant to distinguish between execution of nine captured wounded and 19 others killed in the attack.

997. 1862 -- Oct 18, Unionist disappears, Union Col. executes Reb. prisoners, Palmyra, MO--10  
 998. 1862 -- Oct 24, massacre of Tonkawa by pro-Union Natives near Anadarko, OK --136-150  
 999. 1862 -- Nov 05, Confederate arsenal explosion, College Green, Jackson, MS --47-48  
 1000. 1862 -- Nov 02-3, steamer *Bay State* founders, Lake Ontario gale ~Fair Haven, NY --20-23  
 1001. 1862 -- Nov 05, steamer *J.H. Dickey* grounds IL shore, Miss. River, boiler explodes-- 14  
 1002. 1862 -- Nov 07, ammunition explosion, train car, near Lafourche station, Algiers,<sup>47</sup> LA ~11  
 1003. 1862 -- Nov 12, steamer *Eugene* snags wreck/sinks, Miss. River, Plum Point Bend, TN--15  
 1004. 1862 -- Dec 26, mass hanging of Dakota Natives accused of 1862 war massacres, Mankato, MN<sup>48</sup>--38  
 1005. 1862 -- Dec 31, Iron Clad USS *Monitor* sinks, storm off Cape Hatteras, NC --16-20
1006. 1863-65--June-June (25 mo.), Dysentery/diarrhea, Confederate POWs, Camp Morton, IN-315  
 1007. 1863-65--Aug-June, Diarrhea & Dysentery, Confederate POWs, Fort Delaware, DE -- 644  
 1008. 1863-65--Sep-June, Diarrhea & Dysentery, Confederate POWs, Point Lookout MD --2,050  
 1009. 1863-65--Sep-June (20 months), Scurvy, Confederate POWs, Point Lookout, MD -- 167
1010. 1863 -- Jan-June, cholera, New York City, NY -- 272  
 1011. 1863 -- diphtheria, Vermont -->1,300  
 1012. 1863 -- malaria (probably), Maidu Natives, Pence's Ranch, Butte County, CA<sup>49</sup> -- 30  
 1013. 1863 -- smallpox, esp. DC/700, Camp Chase OH, Fort Delaware DE, Baltimore/IL/PA-2.3K--2,490  
 1014. 1863 -- yellow fever outbreak, Pensacola, FL -- 200  
 1015. 1863 -- Jan 18~, Shelton Laurel Massacre, Rebels murder Unionists, Madison Co., NC--13  
 1016. 1863 -- Jan 29, US Army massacre Shoshone, camp on Bear River, Utah Terr., ID--250-493  
 1017. 1863 -- Feb 22, tug *Merrimac* wrecks, Humboldt Bar, CA -- 13  
 1018. 1863 -- Mar 13, explosion, Confederate Ordnance Lab., Brown's Isl., Richmond, VA --40-50  
 1019. 1863 -- Apr 11, Chilula massacre by Hoopa/Chilulas ~Stone Lagoon, Humboldt Co., CA-~30  
 1020. 1863 -- Apr 14, *Queen of the West* magazine explos., fire from shelling, Grand Lake LA-26  
 1021. 1863 -- Apr 19, Keysville Massacre, US Army attacks Natives, near Keysville, CA -- 35  
 1022. 1863 -- Apr 27, steamer *Ada Hancock/Milton Willis* explosion, San Pedro Bay, LA CA--26  
 1023. 1863 -- May 26, tropical storm, northeast Gulf of Mexico -- 37  
 1024. 1863 -- early spring-July, 2<sup>nd</sup> Dakota attack against settlers and military run-ins, MN-- ~30  
 1025. 1863 -- July 13-17, anti-draft and racial riots, New York City, NY --105~120  
 1863 -- or 1862, Aug,<sup>50</sup> steamer *Planet* sinks, Lake Superior ~Eagle Riv., Keweenaw Pt.--35  
 1026. 1863 -- Aug 04, massacre, Confederates kill captured Union black soldiers, Jackson, LA--23  
 1027. 1863 -- Aug 04, steamboat *Ruth* burns (arson), Mississippi River, near Columbus, KY-- 30  
 1028. 1863 -- Aug 19, steamboat *City of Madison* ammunition explosion, Vicksburg MS--50-156  
 1029. 1863 -- Aug 21, violence-attack, "Massacre" by Quantrell's Raiders, Lawrence KS -- 191  
 1030. 1863 -- Aug 21, USS *Bainbridge* capsizes, hurricane, off Cape Hatteras, NC --80-90  
 1031. 1863 -- Aug 28, sidewheel *Sunbeam* sinks, Lake Superior gale, ~Eagle Harbor, MI --26-35  
 1032. 1863 -- Sep 3, massacre, Army attacks Dakota/Lakota Sioux, Whitestone Hill ND-150-300  
 1033. 1863 -- Sep 4-18, Nome Cult Trail of Tears, Concow Maidu, Chico to Round Valley, CA~32

<sup>47</sup> Algiers is today a section of New Orleans, annexed to the city as the 15<sup>th</sup> Ward in 1870. (*Wikipedia*. Algiers.)

<sup>48</sup> See Aug 17-Sep 1872 entry above noting the deaths of 300-650 MN white settlers in the "uprising."

<sup>49</sup> Deaths in a three-week period (Aug 30, 1863 Marysville, CA *Appeal* report). Cook (1976, p. 275) estimates that "at least 100 must have perished" in an extended time-frame. "undoubtedly" from malaria.

<sup>50</sup> Though reported in a source, the *Planet* did not sink in August 1862 or 1863. The *Planet* did pick up a survivor of the *Sunbeam* sinking in a storm at this location Aug 28, 1863.

1034. 1863 -- Sep 28, steamboat *Robert Campbell Jr.* burns, MS River, Milliken's Bend, LA-- 22  
 1035. 1863 -- Nov 11~, steam propeller *Water Witch* sinks, Lake Huron storm ~off Oscoda MI-23  
 1036. 1863 -- Nov 13, steamer *Sunnyside* burns, MS riv. ~Isl. #16, below Caruthersville, MO--22-25  
 1037. 1863 -- Nov 23-Mar 27, 1865 (16 mo.), dysentery,<sup>51</sup> Union POWs, Prison Hosp., Danville VA-592  
 1038. 1863 -- Nov 30, Raccoon, Clover Hill Coal Mine explosion, Winterpock, VA -- 17  
 1039. 1863 -- Dec 13, steamer *Quincy* founders, Cape Hatteras, NC -- 16
1040. 1864-65--Feb-June (17 mo.), Dysentery/diarrhea, Confederate POWs, Camp Chase, OH-- 226  
 1041. 1864-65--Feb-June (17 mo.), pneumonia/pleurisy, Confederate POWs, Camp Chase OH-- 954  
 1042. 1864-65--Feb-Apr (16 mo.), Scurvy, Union POW's, Camp Sumter, Andersonville GA--3,614  
 1043. 1864-65--Feb-June (17 mo.), Dysentery/diarrhea, Confederate POWs, Rock Island IL-- 363
1044. 1864 -- cerebral spinal meningitis epidemic, Carbondale & Philadelphia, PA -- 784  
 1045. 1864 -- cholera (Jan-June), New York City, NY -- 348  
 1046. 1864 -- smallpox, Fort Alton IL, Chicago/283, Philly/260, Northern VA/112, SC, DC-- 712  
 1047. 1864 -- typhoid fever, Chicago/192, Philadelphia/648; typhus/typhoid, NYC/1,425 --2,265  
 1048. 1864 -- yellow fever, esp. New Bern NC/1,359, Charleston, SC/700, Galveston, NOLA--2,414  
 1049. 1864 -- Jan 23, schooner *Dashaway* wrecks, Cape Mendocino, CA -- 14  
 1050. 1864 -- Feb 24-Apr 17, 1865, diarrhea & dysentery, Union POW's, Andersonville, GA --5,605  
 1051. 1864 -- Feb 24-Aug 3, malarial fevers,<sup>52</sup> Union POWs, Ft. Sumter, Andersonville GA-- 149  
 1052. 1864 -- Feb 17, steamboat *Orient* snags/sinks to upper deck Miss. Riv., Commerce MO--14  
 1053. 1864 -- Feb 20, atrocity, Confederates kill wounded black US soldiers, Olustee, FL --25-75  
 1054. 1864 -- Feb 22, steamship *Bohemian* wrecks, Alden's Rock, off Richmond Isl., ME --19-20  
 1055. 1864 -- Feb-Mar (esp. Mar 22), 8 Gloucester MA fishing schooners lost at sea --74-75  
 1056. 1864 -- Apr 12/13, massacre, Confederates kill captives, esp. Black, Fort Pillow, TN--~300  
 1057. 1864 -- Apr 15, steamer *Chenango* boiler explosion, NY Harbor ~Ft. Richmond NY--30-33  
 1058. 1864 -- Apr 18, Rebels & Choctaws kill wounded/captured blacks, Poison Spring, AR- >10  
 1059. 1864 -- Apr 20-22, Rebels kill black soldiers, runaway slaves, others, Plymouth, NC-300-400  
 1060. 1864 -- Apr 25, Rebels murder runaway slaves with Union force, Marks' Mills, AR-100-150  
 1061. 1864 -- Apr 30, captured and/or wounded soldiers killed, Battle of Jenkins' Ferry, AR-->20  
 1062. 1864 -- May 21, steamboat *Nile* boiler explosion, Detroit, MI -- 6-13  
 1063. 1864 -- May 26, torpedo mine explosion, Bachelor's Creek Station ~New Bern, NC --40-93  
 1064. 1864 -- June 01, steamer *Pocahontas* sinks, *City of Bath* collision, off Cape May NJ--40-41  
 1065. 1864 -- June 08, steamboat *Berkshire* fire, Hudson River, Esopus Island, NY -- 35  
 1066. 1864 -- Jun 10, Confederates kill captured black soldiers, Battle of Brice's Cross Roads, MS-->20  
 1067. 1864 -- June 17, explosion/fire, Washington Arsenal, Greenleaf Pt.,<sup>53</sup> District of Col.-- 21  
 1068. 1864 -- July to June 1865, diarrhea and dysentery, Confederate POWs. Elmira, NY--1,394  
 1069. 1864 -- July-June 1865 (12 mo.), pneumonia/pleurisy, Confederate POWs, Elmira, NY-773  
 1070. 1864 -- July 03, steamer *Locust Point* collides with *Matanzas* off Absecon, NJ -- 17  
 1071. 1864 -- July 15, head-on Erie RR war-prisoner train/PA coal train crash ~Shohola PA-->74  
 1072. 1864 -- July 20, structural collapse, Blockley Almshouse & Insane Asylum, Philly --16-18  
 1073. 1864 -- July 21, *B.M. Runyan* snags/sinks, MS Riv., Island 84, Gaines Landing, MS--70-150  
 1074. 1864 -- July 28-29, US Army attacks Dakota Sioux, Killdeer Mountain, ND Territory--~100

<sup>51</sup> "Diarrhoea and Dysentery."

<sup>52</sup> Categorized as intermittent (lets-up but then comes back) and remittent (fluctuating body temperatures).

<sup>53</sup> Now part of Fort McNair between the Washington Channel to the west and the Anacostia River to the southeast.

1075. 1864 -- July 30, Federal Powder explosion underneath Rebel Redoubt, Petersburg, VA--278  
 1076. 1864 -- July 30, Rebels kill wounded/surrendered/trapped black soldiers, Petersburg, VA--~500  
 1077. 1864 -- Aug 10, propeller *Racine* boiler explosion, Lake Erie, off Rondeau, Ontario -- 12  
 1078. 1864 -- Aug 19, Rebels kill Fifth MI Cavalry soldiers after surrender ~Berryville, VA-- 10  
 1079. 1864 -- Sep, general massacre of most remaining Yana Natives, Northern CA -->335-500  
 1080. 1864 -- Sep 01, Confederate wounded train collision, Barnesville, GA -- ~ 30  
 1081. 1864 -- Sep 5, steamer *Washoe* boiler explos., Sacramento Riv., ~10m N. Rio Vista, CA --51-103  
 1082. 1864 -- Sep 16, Rebel Indian/Texan force murder black Union soldiers, Flat Rock, OK--≤40  
 1083. 1864 -- Sep 27, train robbery/massacre, Bill Anderson/Jesse James, Centralia, MO --22-27  
 1084. 1864 -- Oct 03, Confederates murder wounded Union soldiers, Saltville, VA --24-70  
 1085. 1864 -- Oct 17, *J.C. Irwin* boilers explode, Cumberland Riv., 10m above Eddyville, KY --11-13  
 1086. 1864 -- Oct 30, Union packet *Universe* snags/sinks, Miss. River, ~Plum Point, TN -- 17  
 1087. 1864 -- Nov 03, steamboat *James White*, snags/sinks, Mississippi Riv., Island #10, TN--17  
 1088. 1864 -- Nov 08, bark *Mojave* sinks, Lake Mich. betw. Sheboygan WI, Big Sable Pt. MI-10  
 1089. 1864 -- Nov 12, Navy Gunboat *Tulip* boiler explosion, Ragged Point, MD --49-61  
 1090. 1864 -- Nov 26, sternwheel *Sophie McLane* boiler explosion at dock, Suisan city, CA--≥10  
 1091. 1864 -- Nov 29, Sand Creek massacre of Cheyenne/Arapaho ~Fort Lyon, CO --130-150  
 1092. 1864 -- Dec 11, steamboat *Maria* boiler explosion, fire, Miss. River, Carondelet, MO--~25  
 1093. 1864 -- Dec 22, U.S. steam transport *North America* sinks, storm off coast of no. FL -- 197

1865 -- Fire Sprinkler Invented (*Scientific American*, “Electrical Fire Protection,” 1913)<sup>54</sup>

1094. 1865 -- Jan-June, cholera, New York City, NY -- 350  
 1095. 1865 -- smallpox, esp. NYC/≤664, Philly/524, SC/GA/FL Sea Islands/~800<sup>55</sup> --2,500-2,510  
 1096. 1865 -- typhus/typhoid NYC/1,075; Typhoid/Chicago/190 and Philadelphia/773 --2,038  
 1097. 1865 -- Jan 8, storm, SC steamer *Melville*, NY to Port Royale SC, sinks off Hatteras NC-76  
 1098. 1865 -- Jan 25, guerrillas kill black US soldiers herding cattle ~Simpsonville KY<sup>56</sup> --19-28  
 1099. 1865 -- Jan 26/27, steamer *Eclipse* boiler explosion, Tenn. River, Johnsonville, TN --27-36  
 1100. 1865 -- Feb 04 or 5, bridge fails, train falls into Lee’s Creek, burns, ~Leesburg, OH --11-12  
 1101. 1865 -- Feb 08, conflagration fire, Philadelphia, PA -- 20  
 1102. 1865 -- Feb 18, gunpowder explosion/fire, Northeastern RR Depot, Charleston, SC --150-200  
 1103. 1865 -- Mar 02, steamer *James Watson* snags/burns, Miss. River, Island No. 76, AR--34-35  
 1104. 1865 -- Mar 07, trains collide, Wash. Express, Camden & Amboy RR, Bristol, NJ -- 10  
 1105. 1865 -- Mar 15-16, bark *Industry* grounds, breaks-up, Columbia River bar, OR --15-17  
 1106. 1865 -- Mar 31, US Govt. transport *General Lyon* burns off Cape Hatteras, NC ---~521-571  
 1107. 1865 -- Apr 25, *Massachusetts* hits *Black Diamond*, Potomac Riv. ~St. Clement’s Isl., MD--≥60  
 1108. 1865 -- Apr 27, steamer *Sultana* explodes/burns, MS Riv., Redman Point, AR--1,547-2,000  
 1109. 1865 -- May 25, explosion, arms magazine, Mobile, AL -- 300  
 1110. 1865 -- May 29, stmr. *Governor Troup* burns Savannah Riv., below Augusta, SC shore--40  
 1111. 1865 -- Jun 03, steamers *Poland* and *Idaho* collide, *Poland* Sinks, Yazoo River, MS--10-12  
 1112. 1865 -- Jun 8, fog, steamer *Admiral Dupont* hit/sunk by *Studacona* (UK), off Cape May, NJ-17

<sup>54</sup> “What is termed ‘the so-called sprinkler system’ was not invented in 1875, but the first practical sprinkler device was. The development of the modern sprinkler system really began in 1896.” (“Electrical Fire Protection.” *Safety Engineering*, Vol. 26, No. 6, December, 1913, p. 491.)

<sup>55</sup> This does not take into account hundreds of smallpox fatalities in military ranks and especially military prisons.

<sup>56</sup> A KY road marker titles this a massacre, as do several sources (and a slaughter), but not without controversy.

1113. 1865 -- Jun 09, ordnance building fire/explosion from train sparks, Chattanooga, TN-- ~10  
 1114. 1865 -- June 09, steamboat *Kentucky* snags/sinks, Red River, below Shreveport, LA --50-75  
 1115. 1865 -- June 28, tornado, Viroqua, WI -- 22  
 1116. 1865 -- July 30, stmr. *Brother Jonathan* hits rock/sinks, storm, off Crescent City, CA--171-225  
 1117. 1865 -- July 31, steamer *Joseph Pierce* boiler explosion/fire, Palmyra Landing, MS -- 9-12  
 1118. 1865 -- Aug 9, *Pewabic* collides with *Meteor*, sinks, Thunder Bay, Lake Huron, ~Alpena, MI-40  
 1119. 1865 -- Aug 15, train collision "Fairfield" and "Bridgeport," near Bridgeport, CT -- 11  
 1120. 1865 -- Aug 16, Workman/Three Knolls Massacre, Whites kill Yanas, Mill Creek, CA--40  
 1121. 1865 -- Aug 21, steamboat *Argosy No. 3* mud drum explosion, Ohio River ~Rono, IN-- 10  
 1122. 1865 -- Sep 13, hurricane, Cameron, LA landfall -- 25  
 1123. 1865 -- Oct 12, steamer *Yosemite* boiler explosion, Sacramento Riv., Rio Vista, CA --55-68  
 1124. 1865 -- Oct 15, steamer *Atlanta*, N.O., LA to NYC sinks/storm, off Sandy Hook, NJ--45-47  
 1125. 1865 -- Oct 24~, steamer *D. H. Mount* lost, gale, Atlantic, south of Cape Hatteras, NC-- 24  
 1126. 1865 -- Oct 25, steamer *Republic* (former USS *Tennessee*) founders off Savannah, GA-- 34  
 1127. 1865 -- Oct 29, steamer *St. John* boiler explosion, Hudson River, ~5 miles above NYC-- 15  
 1128. 1865 -- Nov 24, steam. *Niagara* sinks after *Post Boy* collision, MS Riv. ~Prairie Pt. AR--75  
 1129. 1865 -- Dec 01, steamer *Progress* snags/sinks, Arkansas Riv., 20m below Fort Smith AR-20  
 1130. 1865 -- Dec 09, steamer *De Soto*, boiler explosion, near Pascagoula, MS -- 11  
 1131. 1865 -- Dec 27, steamer *Constitution* grounds/breaks-up, Cape Lookout shoals, NC -- 40
1132. 1866 -- Jan 09, steamer *Asher Ayres* burns, Altamaha River, Darien, GA -- 6-12  
 1133. 1866 -- Jan 28, steamer *Miami* boiler explosion and fire, Arkansas River ~Napoleon AR-40  
 1134. 1866 -- Jan 30, steamer *Missouri* boiler explodes/sinks, Ohio River near Newburgh, IN- 65  
 1135. 1866 -- Jan (late), fire, jail and guard house, Marietta, GA -- 13  
 1136. 1866 -- Feb 02, steamer *W.R. Carter* boilers explode, Miss. River, Island No. 98, MS-- 125  
 1137. 1866 -- Feb 24, steamers collide, *Nannie Byers* sinks, Ohio Riv., above Madison IN--16-17  
 1138. 1866 -- Mar 04, steamer *R.J. Lockwood* boiler explosion, MS Riv., below Memphis TN--17-25  
 1139. 1866 -- Apr 12, steamer *Financier* fire, Ohio River, Crow Island, near Baden, PA -- 10  
 1140. 1866 -- Apr 16, Nitroglycerin explosion Wells Fargo building, San Francisco, CA --15-20  
 1141. 1866 -- Apr 18, boats collide, *City of Norwich* burns/sinks, L.I. Sound off Huntington NY --11-13  
 1142. 1866 -- Apr 26, wharf fire, ferry steamer *Windsor* burns, Detroit River, Detroit, MI -- 28  
 1143. 1866 -- May-Dec, Cholera, esp. Cincinnati/New Orleans/NYC/St. Louis/TN/Philly/Army--~16K-17,742  
 1144. 1866 -- May 1-3, racial riots, Irish police lead attacks against blacks, Memphis, TN --46-48  
 1145. 1866 -- May 03, clipper *Hornet*, NY to San Francisco, burns sinks, Pacific Ocean -- 16  
 1146. 1866 -- May 19-21, massacres of Chinese miners by Natives, Battle Creek vic., OR-50-150  
 1147. 1866 -- May 31, *City of Memphis* boiler explosion/fire, MS River off Buck Island AR-11~60  
 1148. 1866 -- June 17-18, NY steamer *Jennie P. King* wrecks, Lake Erie storm, Long Pt., Ont.-14  
 1149. 1866 -- July 30, racial/political "riots", Blacks seeking rights, New Orleans, LA --38-48  
 1150. 1866 -- Aug-Nov (esp.), Yellow Fever outbreaks, especially New Orleans, LA (185)-- 211  
 1151. 1866 -- Aug 6, steamer *General Lytle* boiler explos. ~Bethlehem IN, OH Riv., KY side--20-24  
 1152. 1866 -- Sep 12, boiler explosion, S&G Rork Sawing Mill, Albany, NY -- 10  
 1153. 1866 -- Sep 14, bridge collapse, Johnstown, PA -- 13  
 1154. 1866 -- Sep 29, steamer *Julia*, Steam Drum Explosion, San Francisco harbor, CA -- 10  
 1155. 1866 -- Oct 03, hurricane, steamer *Evening Star* sinks, ~100M off Tybee Island, GA--247-255  
 1156. 1866 -- Dec 27, steamer *Fashion* burns, Miss. Riv., 7-12M above Baton Rouge, LA -- 43



1157. 1867 -- avalanche, mining camps, Wasatch Range, Alta, UT --60-65  
 1158. 1867 -- Jan-Dec, smallpox, Chicago, IL -- 123  
 1159. 1867 -- Jan-Feb, Amer. bark *John Bright* strands near Nootka Isl., BC, crew murdered-- 14  
 1160. 1867 -- Jan 17, steamer *John Raine* burns?, Mississippi River, Greenville, MS<sup>57</sup> -- 59  
 1161. 1867 -- Jan 17, steamer *Platte Valley* hits submerged wreck, MS Riv. near Memphis TN--16-50  
 1162. 1867 -- Feb 10, steamer *City of Bath* fire off Cape Hatteras, NC -- 22  
 1163. 1867 -- Feb 17, steamer *David White* boiler explosion, Miss. River ~Pt. Chicot, MS --35-60  
 1164. 1867 -- Mar 03, propeller steamer *Andalusia* fire and drownings, off Hatteras, NC -- 12  
 1165. 1867 -- Apr 03, Bright Hope coal mine explosion, Chesterfield Co., Winterpock, VA-69-75  
 1166. 1867 -- Apr 18, labor riot, Silver Bend Mining Co., Belmont, NV<sup>58</sup> -- 20  
 1167. 1867 -- May 04, steamer *Main* capsized in storm on Lake Pontchartrain, LA -- 10  
 1168. 1867 -- May 21, steamer *Wisconsin* burns, Lake Ontario, ~Grenadier Isl./Cape Vincent, NY-23  
 1169. 1867 -- June-Dec, cholera, esp. St. Louis, New Orleans, KS/OK, Chicago, US Army-2,145  
 1170. 1867 -- June 06, Geasy & Ward's Cabinet Makers boiler explosion/fire, Philly, PA --22-27  
 1171. 1867 -- June 18, fire, saloon, near Rock Island Railroad Depot, Chicago, IL --10-11  
 1172. 1867 -- June 19, fire/wall fall, Fox's American Variety Theater, Philadelphia, PA --10-15  
 1173. 1867 -- July-Dec, yellow fever, esp. New Orleans, Galveston/Houston; also AL/FL/MS/TN--10,012  
 1174. 1867 -- Aug, Two Gloucester, MA fishing schooners lost on Georges Bank -- 17  
 1175. 1867 -- Sep 05, Branch River bridge fails, Naugatuck train wreck ~Thomaston CT -- 10  
 1176. 1867 -- Sep, gale, Gloucester MA fishing schr. *Fashion* lost, Bay of St. Lawrence -- 13  
 1177. 1867 -- Oct 01-3 or 7-8, hurricane E. TX Coast, esp. Brownsville & Matamoros -->25-100  
 1178. 1867 -- Oct 07, prairie fire, Gov. stock yard and Indian Camp, Fort Ransom, ND -- 10  
 1179. 1867 -- Oct 19, naphtha explosion/fire, Hoosac Tunnel, Northern Berkshires, MA -- 13  
 1180. 1867 -- Nov 08, boiler explosion, Reese & Co. Rolling-Mill, Pitt Township, PA --17-20  
 1181. 1867 -- Nov 17, steamboat *Onward* burns, Alabama River, Bells Ledge, AL -- 11  
 1182. 1867 -- Dec 11, train goes into River, Central VT Railroad, near Northfield, VT --15-20  
 1183. 1867 -- Dec 18, Lake Shore and Mich. Southern train derailment & fire, Angola NY--39-50  
 1184. 1867 -- Dec 24, steamer *Raleigh* burns to water, off Charleston, SC --14-24  
 1185. 1867 -- Dec 31, steamer *Henry Ames* guards fail while unloading, New Orleans, LA-- ~20  
  
 1186. 1868 -- Mar 18, *Magnolia* boiler explosion/fire, OH R. ~Cincinnati Oh & California Ky--35  
 1187. 1868 -- Mar 31, shaft platform break and fall, Diamond Coal Mine, Scranton, PA -- 6-12  
 1188. 1868 -- Apr 02, volcano induced earthquake, landslides/tsunami, Hawaii Island, HI --79-81  
     1868 -- Apr 02, landslides, mudflows, falling cliff, Hawaii Island, HI --31-32  
     1868 -- Apr 02, tsunami, Ka-u (46), Puna (1) Hawaii Island, HI --46-47  
 1189. 1868 -- Apr 09, WI sidewheel *Sea Bird* fire/sinks, Lake Mich., off Waukegan, IL --67-102  
 1190. 1868 -- Apr 15, broken rail, train derails/fire, Carr's Rock, Pike County, PA --22-26

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<sup>57</sup> Though there are four sources, I have been unable to corroborate with any newspaper or other source. Seems suspicious – when there was a steamboat event with large loss of life it was reported in papers all over the country. We speculate there may have been some confusion between this reported event and the boiler explosion on the steamboat *David White* 2-17-1867 at Point Chicot, just above Greenville. Earlier in its career (1858) the *David White* had been named the *John Raine*. The source we use which notes this states that “some sixty persons lost their lives...” when the *David White* boilers exploded. (*Cincinnati Commercial*. “River and Steamboat News.” 5-9-1867, p. 7, col. 2.) This is very close to the 59 reported by Berman, Lytle and Holdcamper, Nash, and Way, in their accounts of the *Raine* fire. We suspect that either Lytle and Holdcamper or Way put down the first (and mistaken) account, and the other sources just repeated the same data.

<sup>58</sup> Conceivably very much exaggerated number.

1191. 1868 -- May 01, steamer *Governor Cushman* boiler explodes, Lake Erie, Buffalo, NY-- 11  
 1192. 1868 -- May 05, Alabama tornadoes, Pickens, Tuscaloosa, Talladega Counties, AL -- 12  
 1193. 1868 -- June, Gloucester MA fishing schooner *General Butler* lost, Georges Bank -- 10  
 1194. 1868 -- June-Dec, smallpox, esp. San Francisco/960, Cincinnati/649, Chicago/150 --≥1,825  
 1195. 1868 -- June ~15, British bark *Istria* wrecks, Diamond Shoals off Cape Hatteras NC-- 23  
 1196. 1868 -- June 20, *Morning Star & Cortland* collide, sink, Lake Erie, ~Black Riv. OH--37-60  
 1197. 1868 -- July 4, drawbridge/plank to boat at wharf gives way, drownings, Oakland CA--≥11  
       1868 -- July 05, lightning, Orange County, NY -- 9  
 1198. 1868 -- July 06-18, excessive heat/sunstroke, esp. NY/313, St. Louis/45, OH/42 -- 552  
 1199. 1868 -- July 15 time-frame, white vs. black conflict, Millican, Brazos Co., TX -- 6-15  
 1200. 1868 -- July 24, flood, Baltimore and Ellicott City, MD -- 50  
 1201. 1868 -- Aug ~14-16, Cheyenne raids on settlers in and around Asher Creek, KS -- ~12  
 1202. 1868 -- Sep 08, steamer *Hippocampus* sinks, Lake Michigan storm, off St. Joseph, MI-- 26  
 1203. 1868 -- Sep 16, sch. *Persian* sunk by *E.B. Allen*, Lake Huron, 3m off 40-Mile Point MI--10  
 1204. 1868 -- Sep 28, Opelousas Massacre begins (racial/political), St. Landry Parish, LA--150-300  
 1205. 1868 -- Oct 06, steam propeller *Perseverance* burns, Lake Ontario off Pultneyville, NY--14  
 1206. 1868 -- Oct 21, Hayward Earthquake, San Francisco Bay Area, CA -- 30  
 1207. 1868 -- Nov 27, “battle” of the Washita, Custer attacks Cheyenne village, Indian Terr.-- 103  
 1208. 1868 -- ~Dec-Jan 1869, storm, Gloucester, MA, fishing sch. *Forest Belle* lost, GB -- 12  
 1209. 1868 -- Dec 4, steamers *United States & America* collide/burn/sink, OH riv., Rayl’s Lndg., IN-72-74
1210. 1869 -- scarlet fever, especially children, MI -- 252  
 1211. 1869 -- smallpox, Cincinnati, OH (231), Michigan (42) -- 273  
 1212. 1869 -- smallpox epidemic, Gros Ventre Natives, Montana Territory --700~800  
 1213. 1869 -- Jan 11, steamer *Gulf City* grounds and breaks-up, Cape Lookout, NC --22-23  
 1214. 1869 -- Jan 13, steamer *Glide* boiler explosion/fire, MS Riv. ~57m above New Orleans LA-15-16  
 1215. 1869 -- Jan 31, dam failures/flood, Upper/Lower Kohanza, Flint, Danbury, CT --11-13  
 1216. 1869 -- Feb 12, steamer *Mittie Stephens* fire, Caddo Lake ~Swanson’s Landing, TX --61-69  
 1217. 1869 -- Mar 06-7, gale, Gloucester schrs. *Price, Porter, & Woodbury* lost, Georges Bk.-- 31  
 1218. 1869 -- Apr 07, fire, Kentucky-Yellow Jacket Gold Mine, Gold Hill, Nevada -- 37  
 1219. 1869 -- Apr 10, steamboat *G.A. Thomson* snags/burns, AR Riv. ~40M below Little Rock AR-17  
 1220. 1869 -- May 9, skirmish, settlers vs Natives on ~Musselshell River mouth, Montana Terr.--~35  
 1221. 1869 -- July 14, trains collide, Erie Express, Mast Hope, NY -- 10  
 1222. 1869 -- Aug 14, steamer *Cumberland* boiler explosion, OH River, ~Shawneetown, IL-- 18  
 1223. 1869 -- Sep 06, Avondale Coal Mine fire and suffocations, Plymouth, PA -- 110  
 1224. 1869 -- Sep 8, hurricane, schr. *Eliza* wrecks (Peak’s Isl. ME). *Yankee Girl* lost, MA & RI--31  
 1225. 1869 -- Oct 01, boiler explosion, Power Hall, State Fair, Indianapolis, IN --21~27  
 1226. 1869 -- Oct 04, hurricane, coastal New Brunswick, Canada, NY, ME -- 37  
 1227. 1869 -- Oct 27, steamer *Stonewall* burns/grounds, Miss. River, Tea Table Bar, MO -- ~209  
 1228. 1869 -- Nov 05~ sch. *W.W. Arnold* grounds, Lake Sup. storm, Two Hearted River, MI-- 11  
 1229. 1869 -- Dec 18, subsidence, houses fall into coal mine, Stockton, ~Hazelton, PA --6-15

**From U.S. Census, conducted June 1, 1869-May 31, 1870:**

1230. 1870 -- croup (contagious viral respiratory infection), esp. PA/1,668, NY/1,134 --10,692  
 1231. 1870 -- diarrhoea, dysentery, enteritis, esp. NY/4641, PA/2633, IL/2551, MO/2270--≥31,153  
 1232. 1870 -- diphtheria, esp. NY/864, PA/702, IL/603, OH/474, MO/356, MA/280 --6,303

1233. 1870 -- measles, esp. NY/1,073, MO/860, IL/702, OH/621, PA/554, VA/407, AL/403-9,237  
1234. 1870 -- pneumonia, esp. NY/5,222, IL, 2,882, MO/2,809, PA/2,773, MA/1,696 -->40,012  
1235. 1870 -- scarlet fever, esp. PA/5,645, NY/3,403, IL/2,102, MO/1,049, WI/1,016 --20,339  
1236. 1870 -- smallpox, esp. MO/1,034, LA/925, NY/582, OH/332, CA/254, IL/170 --4,597  
1237. 1870 -- tuberculosis (consumption), esp. NY/11,578, PA/7,481, OH/5,255, MA/5,157--69,896  
1238. 1870 -- typhoid (enteric) fever, esp. NY/2,029, PA/1,898, IL/1,758, MO/1,395 -->22,187  
1239. 1870 -- typhus, esp. NY/369, PA/262, IN/172, IL/131, MD/82, OH/80, MO/60 --1,770  
1240. 1870 -- whooping cough, esp. NY/802, IL/640, OH/574, IN/449, PA/501, LA/420 --9,008
1241. 1870 -- Jan, Gloucester, MA fishing schooner *Viking* lost, on way to Grand Banks -- 11  
1242. 1870 -- Jan 23, 7<sup>th</sup> Cav. massacre sleeping Piegan, mostly women/children/elderly, Marias Riv., MT--173-217  
1243. 1870 -- Jan 25, Gloucester, MA fishing schooner *Weather Gage* lost, Grand Banks -- 10  
1244. 1870 -- Jan 31, last sighting, steamer *City of Boston*, NYC for Liverpool, off Halifax?--191  
1245. 1870 -- Feb 19, steamer *Emma No. 3* snags, burns, MS Riv., Isl. No. 35/Reverie, TN-- 40  
1246. 1870 -- Mar, Gloucester MA fishing schooner *William F. Pool* lost on Georges Bank-- 10  
1247. 1870 -- Apr 29, Court House gallery collapse, Richmond, VA -- ~ 60  
1248. 1870 -- May-Dec, yellow fever, esp. New Orleans/587 Mobile/173 Brunswick, GA --1,038  
1249. 1870 -- May 12, train collision, Missouri Pacific RR, near Eureka, MO -- 25  
1250. 1870 -- July 31, steamer *Silver Spray* boiler explosion/fire, MS Riv., Pacific Place, TN-9-13  
1870 -- Aug 10, Heins & Glassmire Colliery haulage cage falls, Middleport, PA -- 9  
1251. 1870 -- Sep, Gloucester MA fishing schr. *Dauntless* lost on way to St. Lawrence Bay-- 12  
1252. 1870 -- Sep 18, Gloucester, MA fishing schooner *Day Star* lost at sea in gale -- 12  
1253. 1870 -- Sep 30, flooding, Shenandoah River, Virginius Island, Harpers Ferry, WV -- 42  
1254. 1870 -- Oct, Gloucester, MA fishing schooner *Alatamaha* lost, Georges Bank -- 10  
1255. 1870 -- Oct 09, steamer *Mariposa* (NOLA to NY) lost/founders off east coast of FL-- 36  
1256. 1870 -- Oct 20, steamer *Varuna* sinks in hurricane, 35M NE of Jupiter Inlet, FL -- 52  
1257. 1870 -- Dec 18, *Nick Wall* snags/sinks Miss. River, ~Princeton, MS/Napoleon, AR -- 39  
1258. 1870 -- Dec 25, fire, Spotswood Hotel, Richmond, VA -- 9-12
1259. 1871 -- scarlet fever, esp. NYC/791, Baltimore/625, MI/696, MN/335, Philly/262 --2,709  
1260. 1871 -- smallpox, esp. Philadelphia/1,879, Cincinnati/1,179, NYC/805, Chicago/MI/NJ--4,505  
1261. 1871 -- 4 cowboys massacre Yahi women/children, Kingsley Cave, Tehama Co., CA ~30  
1262. 1871 -- Jan 09, Gloucester, MA fishing schooner *Edith Wonson* lost on Western Bank-- 12  
1263. 1871 -- Jan 14, steamboat *T. L. McGill* burns, Mississippi River, Shoo-Fly Bar, MS--40-58  
1264. 1871 -- Jan 28, steamer *W. R. Arthur* boilers explode, MS riv., Isl. #40 ~Memphis TN--45-66  
1265. 1871 -- Feb, Gloucester, MA fishing schooners *Hiawatha* & *E.L. Cook* Lost at Sea -- 21  
1266. 1871 -- Feb 06, trains collide, Wappingers Creek, near New Hamburg, NY -- 22  
1267. 1871 -- Mar 06-07 approximately, racial violence, Meridian, MS --25-30  
1268. 1871 -- Apr 02, gale, Gloucester, MA schrs. *Lindberg*, *Pride*, *Murray*, *Hough* lost -- 42  
1269. 1871 -- Apr 30, massacre of Apaches, Camp Grant Arivaipa, Arizona Territory --125-150  
1270. 1871 -- May 01-Dec, smallpox, Newark, Essex County, NJ -- ~96  
1271. 1871 -- May 27, West Pittston Coal Mine smoke suffocation, West Pittston, PA -- 20  
1272. 1871 -- summer, East Gloucester, MA fishing schooner *River Queen* lost at sea -- 12  
1273. 1871 -- July 03, bridge fails under train, Harpeth River, near Nashville, TN -- 15  
1274. 1871 -- July 3, CA brig *Shelehoff* disabled Pacific Ocean storm, starvation, found Oct 19-11  
1275. 1871 -- July 12, violence, "Orange Riot," New York City, NY -- >60

1276. 1871 -- July 25, trains collide, Toledo and Wabash Railroad, 16M ~St. Louis, MO -- 8-10  
1277. 1871 -- July 30, Staten Island ferry *Westfield II* boiler explosion, NY Harbor, NY-106-125  
1278. 1871 -- July 30-Dec 18, yellow fever, esp. MS/143, Charleston SC/213, New Orleans/55--454  
1279. 1871 -- Aug 14, mine gas explosion, Eagle Shaft Coal Mine, Pittston, PA -- 17  
1280. 1871 -- Aug 18, steamer *Lodona* grounds in storm, 7m north of Cape Canaveral, FL-- 21  
1281. 1871 -- Aug 26, trains collide, Eastern RR of Mass., Revere Station ~Boston, MA --29-32  
1282. 1871 -- Aug 27, steamboat *Ocean Wave* boiler explosion, Point Clear ~Mobile, AL --34-75  
1283. 1871 -- Sep 02, Gloucester, MA fishing schooners *Montrose* and *Emporia* lost at sea-- 17  
1284. 1871 -- Sep 15, fire, Pioche, NV -- 13  
1285. 1871 -- Sep 22, schooner *Charles H. Hurd* founders in gale ~South Manitou Island, MI--11  
1286. 1871 -- Oct 3-5, hurricane, esp. TX coast, steamer *C.K. Hall* wrecks off Cedar Point TX--≥15  
1287. 1871 -- Oct 8-9, wildfires, both sides Bay of Green Bay, esp. Peshtigo; Birch Creek, MI--1,228-2,400  
1288. 1871 -- Oct 08-9, wildfires, esp. Port Huron, St. Clair Co., Manistee Co., MI<sup>59</sup> --169--~200  
1289. 1871 -- Oct 08-10, Great Chicago Fire, IL --250-300  
1290. 1871 -- Oct 15, steamer *R.G. Coburn* sinks, Lake Huron storm, no. of Saginaw Bay, MI ~32  
1291. 1871 -- Oct 24, racial violence and massacre, Chinatown, Los Angeles, CA -- 21  
1292. 1871 -- Nov 05, violence-trampling, African Baptist Meeting-house, Louisville, KY-- 11  
1293. 1871 -- Nov 22, steamer *City of New London* burns, Thames River, near Norwich, CT-- 17  
1294. 1871 -- Dec 03, winter exposure, immigrants freeze, Saline County, NE -- 17
1295. 1872 -- cerebral spinal meningitis, MA (esp. Boston), NYC, PA (esp. Philadelphia)--1,090  
1296. 1872 -- measles epidemic, Philadelphia, PA -- 143  
1297. 1872 -- scarlet fever, especially children, MI -- 565  
1298. 1872 -- smallpox, esp. Philly/2591, NYC/1666, St. Louis/1600, Baltimore/1217, Boston/1K--≥9,742  
1299. 1872 -- Jan, Gloucester, MA fishing schooner *Messenger* lost on Western Bank -- 12  
1300. 1872 -- Mar, Gloucester, MA schooners *Matchless*, *Franklin Snow* lost, Georges Bank--22  
1301. 1872 -- Mar 26, Lone Pine Earthquake, Owens Valley, CA --27-30  
1302. 1872 -- Apr 11, steamer *Oceanus* boiler explosion/fire, MS River, Brook's Point IL--34-40  
1303. 1872 -- Apr 15, shoot-out between U.S. Marshals & Cherokee, Indian Ct. House OK-- 11  
1304. 1872 -- June 17, F5 tornado, Greene, Boone Story, Marshall, Jasper, Poweshiek IA -- 68  
1305. 1872 -- July 1-7, heatwave/sunstrokes, esp. Boston/20, Philly/136, NJ/21, NYC/>248--≥433  
1306. 1872 -- July 03, Atwater Slope Coal Mine fire, Atwater Township, Portage Co., OH-- 10  
1307. 1872 -- July 11-Nov 19, yellow fever, New Orleans, LA/~40; Galveston, TX/10 --50-51  
1308. 1872 -- Aug 30, propeller *Metis* hits sch. *Nettis Cushing*, sinks off Watch Hill, RI --20-70  
1309. 1872 -- Oct 22, screw steamer *Missouri* fire off Abaco Light, Lucaya, Bahamas --50-87  
1310. 1872 -- Nov 09-10, conflagration ("Great Boston Fire of 1872"), Boston, MA --25-41  
1311. 1872 -- Nov 27, barges *Jupiter* & *Saturn* ground, Lake Sup. storm, Vermilion Pt. MI-- 15  
1312. 1872 -- Nov 29-30 Modoc "Hooker Jim" band kills white males, SE Tule Lake, CA-14-18  
1313. 1872 -- Dec 10, fire, Fifth Avenue Hotel, New York, NY -- 22  
1314. 1872 -- Dec 24, train derailment and fire, near Prospect Station, Goose Creek, NY --19-25  
1315. 1872 -- Dec 25, Memorial Bap. Church XMAS Svc. floor collapse, Newberry, PA --13-15  
1316. 1872 -- Dec 26, storm, bark *Kadosh* wrecked, ship *Peruvian* lost, coast of MA -- 32
1317. 1872-1873 – Bloody Benders Serial Murders, Labette County, KS -- 11

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<sup>59</sup> This is not a double counting of deaths of those in the Peshtigo/upper MI listing above, which were unconnected.

1318. 1873 -- cerebral spinal meningitis, Boston & Lowell MA, Philadelphia, PA -- 499
1319. 1873 -- scarlet fever, especially children, MI -- 580
1320. 1873 -- smallpox, esp. Boston/668, Baltimore/631, Chicago/515, NYC/117, Charleston/106--2,201
1321. 1873 -- Jan 07-09, blizzard, MN -- 70
1322. 1873 -- Jan 27~, steamer *George S. Wright* hits rocks?, Queen Charlotte Sound, BC, Can.--34
1323. 1873 -- Feb-Sep, cholera, esp. TN/>2K esp. Nashville/~1K, KY/~1K, St. Louis-5814-6519
1324. 1873 -- Feb 15, steamer *Henry A. Jones* burns, Galveston, TX -- 21
1325. 1873 -- Mar, Gloucester, MA fishing schooner *J. H. Orne* lost on Georges Bank -- 11
1326. 1873 -- Apr 08-10, flood, drowning/building collapse, Genesee River, Rochester, NY-- 30
1327. 1873 -- Apr 13, "Easter Blizzard," NE -- <20
1328. 1873 -- Apr 13, racial and political violence, Colfax, LA --67-105
1329. 1873 -- Apr 19, train derailment, washed-out bridge, Richmond Switch, RI -- 11
1330. 1873 -- May 04, Truesdell Highway Bridge collapse, Rock River, Dixon IL -- 56
1331. 1873 -- May 22, tornadoes, KS, IA, IL -- 18
1332. 1873 -- June 10, mine fire/explosion, Henry Clay Coal Mine, Shamokin, PA -- 10
1333. 1873 -- June 29, powder explosion, McLaughlin & Root Building, Virginia City NV-- 10
1334. 1873 -- July-Dec, yellow fever, esp. Memphis, AL, Pensacola, Louisville, LA, TX--3542-3584
1335. 1873 -- July 04, tornado or storm, boats capsize, drownings, Green Lake, WI -- 11
1336. 1873 -- Aug 05, Dakota/Sioux war party attack Pawnee camp, Massacre Canyon, NE--~70
1337. 1873 -- Aug 08, steamer *Wawasset* burns off Aquia Creek, Potomac River, VA --13-75
1338. 1873 -- Aug 14-27, especially Aug 24, "Nova Scotia" hurricane, upper East Coast -->600  
-- Aug 24, gale, 9 Gloucester, MA fishing schooners lost, others wrecked -- 128
1339. 1873 -- Aug 16, trains collide, Chicago and Alton Railroad, Lemont, IL -- 14
1340. 1873 -- Aug 22, *George C. Wolfe* boiler explos., MS Ri., St Francis Is. ~Helena AR--15-30
1341. 1873 -- Sep 15, steamer *Ironsides* sinks, Lake Michigan storm, ~Grand Haven, MI --20-25  
1873 -- Sep 20, fire, Yellow Jacket gold mine, Gold Hill, NV -- 6
1342. 1873 -- Dec 4, freighter *City of Detroit* sinks, Lake Huron storm, Saginaw Bay, MI --19-20
1343. 1874 -- scarlet fever, esp. NYC/879, Cincinnati/687, Brooklyn/479, Philly/461, VT --3,996
1344. 1874 -- measles epidemic, Omaha Nation, NE -- 76
1345. 1874 -- flooding, Pueblo-area, CO -- 30
1346. 1874 -- Feb 11, gale, Gloucester, MA fishing schooner *B. H. Smith*, lost Grand Banks-- 12
1347. 1874 -- Feb 13, 3<sup>rd</sup> Story Ice House walls fail, brewery collapse, Philadelphia, PA -- 8-12  
1874 -- Feb 13, copper mine dynamite explosion, Phoenix, MI -- 6
1348. 1874 -- Mar, Gloucester, MA fishing schooner *White Fawn* lost Western Banks -- 12
1349. 1874 -- Apr 15, tow boat capsizes, Mississippi River, below New Orleans, LA -- 13
1350. 1874 -- Apr 30-May 9 "Brooks-Baxter (contending Govs.) War" Little Rock, AR -->200
1351. 1874 -- May 16, Mill River Reservoir Dam fails, 4 villages, esp. Williamsburg, MA--138-139
1352. 1874 -- June 07, storm, boats capsize, drownings, Lakes Oneida & Onondaga NY -- 1-27
1353. 1874 -- June 23, floor failure, Central Baptist Church festival, Syracuse, NY --13-14
1354. 1874 -- July 24, rain, waterspout, flooding, Eureka, NV --20-30
1355. 1874 -- July 26, heavy rain, flooding, Allegheny/Pittsburgh, PA --100-220
1356. 1874 -- Aug 05, steamboat *Pat Rogers* burns, Ohio River ~1M below Aurora, IN --47-50
1357. 1874 -- Aug 17-Nov 9, yellow fever, Pensacola, Warrington, Woolsey, FL/381; also N.O.-- 398
1358. 1874 -- Aug 30, racial/political Coushatta Massacre, Coushatta to Shreveport, LA--10-~26
1359. 1874 -- Sep 14, White League vs. Republican race/politics battle, New Orleans LA --27-38

1360. 1874 -- Sep 19, fire, Granite Woolen Mill No. 1, Fall River, MA --23-25  
1361. 1874 -- Sep 28, steamer *Amanda Winants* lost at sea off Georgetown, SC -- 16  
1362. 1874 -- Oct 22, steamer *Brooklyn* boiler explodes/sinks, Detroit Riv. ~Wyandotte MI--13-18  
1363. 1874 -- Nov, Gloucester, MA fishing schooner *G. G. Kidder* lost, Grand Banks --12-13  
1364. 1874 -- Nov 22, tornadoes, Colbert, Lauderdale, Shelby Counties, AL --12-16  
1365. 1874 -- Nov 22/23, schooner *William Sanderson* breaks-up, Lake MI storm off Empire, MI-- 7-10  
1366. 1874 -- Dec 07, violence-massacre, Whites attack Blacks, Vicksburg, MS -- 50
1367. 1875 -- tuberculosis/consumption; data on Chicago/880, MI/1419, NYC/4172, Philly/2359--8,830  
1368. 1875 -- croup and diphtheria, MI (374) and Hudson County, NJ (533) -- 907  
1369. 1875 -- scarlet fever, Michigan and Hudson County, NJ -- 537  
1370. 1875 -- smallpox, esp. New York City (1,899), Cincinnati (745), Philadelphia (54) --2,770  
1371. 1875 -- typhoid fever, 3<sup>rd</sup> leading cause of death in MI/433 for year, MN/216 -- 649  
1372. 1875 -- whooping cough, especially children, MI -- 101  
1373. 1875 -- yellow fever outbreak, Key West, FL & Pascagoula, MS -- 98  
1374. 1875 -- Jan, Gloucester, MA fishing schooner *David Burnham* lost on Grand Bank -- 12  
1375. 1875 -- Jan, Gloucester, MA fishing schooner *Joseph Chandler* lost on Grand Bank-- 12  
1376. 1875 -- Feb, Gloucester, MA fishing schooner *J. C. Call* lost, Grand Banks -- 12  
1377. 1875 -- Feb, Gloucester, MA fishing schooner *Sarah H. Cressey* lost, Grand Banks -- 12  
1378. 1875 -- Mar, Gloucester, MA fishing schooner *H.B. Stanwood* lost, Georges Bank -- 12  
1379. 1875 -- Mar. Gloucester, MA fishing schooner *William C. Endicott* lost, Georges Bk.-- 10  
1380. 1875 -- Mar 20, SE tornado outbreak, especially GA, also AL, NC, SC --93-120  
1381. 1875 -- Apr 23, steamers *Exporter*, *Charles Bodman*, *Kyle* burn, New Orleans -- 30  
1382. 1875 -- Apr 29, fishermen drown off Saint Joseph, MI -- 11  
1383. 1875 -- May 01, tornadoes, AL, GA, SC --86-99  
1384. 1875 -- May 02, steamer *St. Luke* hits bridge pier/sinks, Missouri Riv., St. Charles, MO-9-10  
1385. 1875 -- May 27, fire, Holyoke Catholic Church, Holyoke, MA -- 75  
1386. 1875 -- July 05, trains collide, Long Island So. RR ~Far Rockaway Depot, LI, NY -- 11  
1387. 1875 -- July 06, steamer *Isaac Bell* & tug *Lumberman* collide, Hampton Roads, VA-- 10  
1388. 1875 -- Aug 26, ships collide, freighter *Comet* sinks, Lake Superior, 7M SE Whitefish Pt., WI-11  
1389. 1875 -- Sep 4-6, racial/pol. violence, whites attack blacks, Clinton, Hinds Co., MS --37-57  
1390. 1875 -- Sep 10, propeller *Equinox* sinks, Lake Michigan storm ~Big Sable Point, MI --21-25  
1391. 1875 -- Sep 10, steamer *Mendota* sinks, Lake Michigan storm, off Point Betsie, MI --10-12  
1392. 1875 -- Sep 15-18, hurricane, esp. Sabine Pass to Indianola, Matagorda Bay, TX -- ≥270  
1393. 1875 -- Nov, Gloucester, MA fishing schooner *Pharsalia* lost on Georges Banks -- 12  
1394. 1875 -- Nov 4, steamers *Pacific* & *Orpheus* collide, *Pacific* sinks off Cape Flattery WA--250-285  
1395. 1875 -- Nov 09, steamship *City of Waco* burns off Galveston Bar, TX --49-70  
1396. 1875 -- Nov 18, OR schooner *Sunshine* found bottom-up, Cape Disappointment, WA-- 25  
1397. 1875 -- Dec 01, steamer *Sunnyside* hits ice/sinks, Hudson River, off West Park NY -- 11
1398. 1876 -- diphtheria, Hudson County, NJ -- 327  
1399. 1876 -- scarlet fever, Hudson County, NJ -- 183  
1400. 1876 -- smallpox, 10 data-points, esp. Cincinnati/~930, SF CA/482, Philly/407, NYC/315~2500  
1401. 1876 -- yellow fever, Savannah (also Brunswick), GA; also New Orleans & Baltimore --1,293  
1402. 1876 -- Feb 05, gallery fails, Robinson's Opera House, Cincinnati, OH -- 12  
1403. 1876 -- Mar 01, *Nuova Ottavia* grounds, life-saving crew lost, Kittyhawk, NC -- 18

1404. 1876 -- Mar 01, explosion, scow, Umatilla Rapids, OR -- 13
1405. 1876 -- Mar 06, bridge fails under train, Valley Div., B&O, Shenandoah Co., VA -- 15
1406. 1876 -- Mar 07, fire, Home for the Aged, East Brooklyn, NY -- 18
1407. 1876 -- Apr 04~, Gloucester, MA fishing schooner *Kearsarge* lost, Georges Bank -- 11
1408. 1876 -- Apr 08, Gloucester, MA fishing schooner *Henrietta Greenleaf* capsizes, ~GB-- 10
1409. 1876 -- Apr-May, Gloucester, MA fishing schooner *James L. Shute* lost on GB -- 14
1410. 1876 -- Apr-May, Gloucester, MA fishing schooner *Janet Middleton* lost on GB -- 11
1411. 1876 -- May~, Gloucester, MA fishing schooner *Saratoga* hit/sunk, Georges Bank -- 9-12
1412. 1876 -- May 17, steamer *Pat Cleburne* boiler explodes/fire, OH Riv., ~Weston KY, IL shore-20
1413. 1876 -- June 17, Battle of Rosebud Creek, USA/Crow/Shoshoni vs Lakota/Cheyenne, Big Horn Co., MT--29-77
1414. 1876 -- June 25, Battle of Little Bighorn ~Little Bighorn River, SE MT Territory--315~363
1415. 1876 -- July 04, storm, flash flood, dam failure, Rockdale, IA --41-42
1416. 1876 -- July 04, tornadoes, Linn, Warren and Madison Counties, IA -- >30
- 1876 -- July 08, Whites attack Blacks (inc. Co. A 9<sup>th</sup> Regiment SCNG) Hamburg, SC-- 7
1417. 1876 -- July 9, steamer *St. Clair* burns, Lake Superior, off 14 Mile Pt. ~Ontonagon, MI--26-27
- 1876 -- July 24, Black Diamond coal mine fire, Nortonville, CA -- 6
1418. 1876 -- Sep 15-21, racial violence, esp. ~Ellenton, Aiken & Barnwell Co's. SC --25-100
1419. 1876 -- Sep, Gloucester, MA fishing schooner *Walter M. Falt* lost on Grand Banks -- 12
1420. 1876 -- Sep 17, steamer *Rebecca Clyde*, strands/wrecks, 20m so. of Hatteras, NC --12-13
1421. 1876 -- Oct, Gloucester, MA fishing schooner *Joseph F. Allen* lost, Western Bank -- 10
1422. 1876 -- Oct 30, fire scare/trampling, Chinese Royal Theatre, Jackson St. SF, CA --19-20
1423. 1876 -- Dec, Gloucester, MA fishing schooner *D. E. Woodbury* lost, trip to GB -- 10
1424. 1876 -- Dec, Gloucester, MA fishing schooner *Howard Steele* lost, La Have Bank -- 11
1425. 1876 -- Dec, Gloucester, MA fishing schooner *J.F. Huntress* lost, La Have Bank -- 10
1426. 1876 -- Dec, Gloucester, MA fishing schooner *John S. Tyler* lost, La Have Bank -- 10
1427. 1876 -- Dec, Gloucester, MA fishing schnr. *Modena B. Jerauld* lost, La Have Bank-- 11
1428. 1876 -- Dec, Gloucester, MA fishing schooner *William T. Merchant* lost, Grand Bk.-- 12
1429. 1876 -- Dec, Gloucester, MA fishing schooner *Wyoming* lost, La Have Bank -- 9-10
1430. 1876 -- Dec 05, fire, trampling, suffocation, Conway Theater, Brooklyn, NY --284-300
1431. 1876 -- Dec 29, bridge fails under *Pacific Express* train, fire, Ashtabula, OH --92~98
1432. 1876 -- Dec 30, freighter *Circassian* breaks-up in storm, off Mecox, Long Island, NY-- 28
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1433. 1877 -- diphtheria, Santa Cruz, CA; Hudson County, NJ -- 349
1434. 1877 -- scarlet fever, Hudson County, NJ -- 213
1435. 1877 -- smallpox, 7 data pts., esp. New Orleans/1.1K; Philadelphia/155; Cincinnati/56 --1,496
1436. 1877 -- Jan, Gloucester, MA fishing schooner *Mary Burnham* lost, La Have Bank -- 11
1437. 1877 -- Jan 07, steamer *Montgomery* hit by *Seminole*, sinks, 38m NE of Cape May NJ-- 13
1438. 1877 -- Jan 20, U.S. schooner *George Washington* strands, Mistaken Point, NFLD -- 25
1439. 1877 -- Apr 11, fire, Southern Hotel, St. Louis, Missouri --16-21
1440. 1877 -- Apr 13, steamer *Leo* burns 83 miles south of Tybee Light, GA -- 23
- 1877 -- May 10, tsunami in Hawaii from Chilean Earthquake -- 5
1441. 1877 -- May 11, unfinished court-house walls fail, killing workers, Rockford IL -- 10
1442. 1877 -- June 04, tornado, Mt. Carmel, Wabash County, IL -- 16
1443. 1877 -- June 08, fire, wall failure, Sanford & Son's Hat Factory, Bridgeport, CT --11-13
1444. 1877 -- June 13-15, Nez Perce young men with grievances kill settlers, so. Tolo Lake area, ID--16-18
1445. 1877 -- June 17, battle, Nez Perce vs. 2 companies 1<sup>st</sup> Cavalry, White Bird Canyon, ID--US 34

1446. 1877 -- July 3, Cottonwood Battle, US Army chasing retreating Nez Perce, Cottonwood, ID--13  
1447. 1877 -- July 10, Chief Joseph's Nez Perce massacre Chinese, Clearwater River, ID --30-31  
1448. 1877 -- July 11-12, Battle of the Clearwater, US Army attacks Nez Perce, Idaho Co., ID--21  
1449. 1877 -- July 17-27, Great Railroad Strike, workers vs. police/military, esp. WV/MD/IL/PA/NY/OH--100-137  
1450. 1877 -- Aug 9-10, Battle of the Big Hole, US Army attacks Nez Perce, Beaverhead Co., MT--91-121  
1451. 1877 -- Aug 29, bridge washout, train goes into Little Four Mile Creek, ~Des Moines, IA-- 20  
1452. 1877 -- Aug-Nov, yellow fever, esp. Enterprise/112, Fernandina/94, St. Augustine/50, FL--263  
1453. 1877 -- Sep 30-Oct 5, Battle of Bear Paw, US Army attack fleeing Nez Perce, NW MT--53  
1454. 1877 -- Oct 02, steamer *Comfort* boiler explosion, OH Riv. near Pipe Creek, WV side-- 10  
1455. 1877 -- Oct 04, tropical storm flooding, rails wash out, train derails ~Kimberton, PA-- 11  
1456. 1877 -- Nov 24, warship USS *Huron* wrecks in storm, Nags Head, NC --83-103  
1457. 1877 -- Dec 20, fire, Greenfield Candy Works, Barclay St., New York City -- 10
1458. 1878 -- diphtheria, Hudson County, NJ, 40 Johnstown NY to do -- 177  
1459. 1878 -- scarlet fever, Hudson County, NJ (113); fall, Cincinnati, OH (181) -- 294  
1460. 1878 -- Jan 02-03, Cape Cod storm, schrs. *A.P. Avery*, *Powwow*, *F. Fish* wrecked -- ~12  
1461. 1878 -- Jan 10, storm, Boston fishing schooner *Little Kate* grounds near Duxbury, MA--13  
1462. 1878 -- Jan 15, Conn. Western train falls into river when bridge fails, Tariffville, CT-- 13  
1463. 1878 -- Jan 18 last sighting, American ship *Grace Darling*, gale off Cape Flattery WA--15  
1464. 1878 -- Jan 31, steamer *Metropolis* wrecks, gale, south of Jones Hill Station, NC --85-104  
1465. 1878 -- Jan-Feb, Gloucester, MA fishing schooner *Carrie P. Morton* lost, Grand Bk.-- 14  
1466. 1878 -- Apr 07, fire, Steuben County House (poor house/insane asylum), Bath, NY --15-16  
1467. 1878 -- Apr 21, tornadoes, six Counties, IA -- 27  
1468. 1878 -- May 02, flour dust explosion & fire, Washburne Flour Mills, Minneapolis MN--18  
1469. 1878 -- May 23, tornadoes, WI and Dane County, IA -- 17  
1470. 1878 -- June-Dec, yellow fever, esp. LA (esp. New Orleans), MS, TN (esp. Memphis)--~20,000  
1471. 1878 -- July 04, severe weather, wind, downbursts, flash flood near Pittsburgh, PA -- 15  
1472. 1878 -- summer, intense heat and sunstrokes, Cincinnati, OH -- ~10  
1473. 1878 -- Aug 07, train collision, Panhandle Rail, near Mingo Junction, OH -- 15  
1474. 1878 -- Aug 09, tornado, Wallingford, New Haven County, CT --27-34  
1475. 1878 -- Sep 28, steamer *Adelphi* boiler explos., near Gregory's Pt. E. Norwalk, CT --14-15  
1476. 1878 -- Oct 08, train derailment, Old Colony Road, Wollaston, ~ Boston MA -- 19  
1477. 1878 -- Oct 09-13, tropical cyclone, coastal New England -- 27  
1478. 1878 -- Oct 20, last sighting of fishing schooner *Cunard* out of Gloucester, MA<sup>60</sup> -- 14  
1479. 1878 -- Oct 21-24, hurricane/land & maritime, NC, VA, MD, DE, PA, NJ, CT --70-72  
1480. 1878 -- Oct 23, *A. S. Davis* grounds, hurricane, near Virginia Beach, VA -- 19  
1481. 1878 -- Dec 01, *Cotton Valley/Charles Morgan* collide, MS Riv., ~Bringier Pt., LA--12-20  
1482. 1878 -- Dec 10, steamer *Emily B. Souder* Founders, storm, off Cape Hatteras, NC --36-38
1483. 1879 -- diphtheria, MN (955) and Hudson County, NJ (120)<sup>61</sup> --1,071  
1484. 1879 -- scarlet fever epidemic, Hudson County, NJ -- 232  
1485. 1879 -- smallpox, San Antonio, TX; also to lesser extent NYC, NY -- 141  
1486. 1879 -- Feb 20-21, storm, ~13 Gloucester, MA schooners lost ~George's Bank, NF-143-157  
1487. 1879 -- Feb 22, thrashing engine explosion, pump exhibition, Stockton, CA -- 20

<sup>60</sup> On Fishing trip to the Grand Banks.

<sup>61</sup> There is a 7-month overlap in the June 1879-May 1880 U.S. count below.



1488. 1879 -- Apr, Gloucester, MA fishing schooner *Ida* (or *Ada*) *E. Baker* lost, Western Bk.--12  
 1489. 1879 -- Apr, Gloucester, MA fishing schooner *William Thompson*, lost, Banks -- 14  
 1490. 1879 -- Apr 20, rowboat crew, stranded steamer *Great Republic*, Columbia Riv. bar, OR-- 14  
 1491. 1879 -- May 30, tornadoes, MO, KS, NE -- >40  
 1492. 1879 -- June-Dec, yellow fever, Forest City, AR, Louisiana, MS, Memphis, TN --682-786  
 1493. 1879 -- June 12, cloudburst, flash flood, Beaver Creek, Deadwood, SD -- 11  
 1494. 1879 -- July 2, tornado outbreak, IA, MN, WI -- 16  
 1495. 1879 -- July-mid to early Aug, cholera-like epidemic, Center Point and Walker, IA --24-28  
 1496. 1879 -- Aug~, whaling schooner *Arizona*, reportedly lost off Cape Hatteras, NC -- 15  
 1497. 1879 -- Aug 18-19, hurricane, SC, NC, MD, PA, DE, NJ, NY, CT, MA --46-67  
 1498. 1879 -- Sep 29, Meeker Massacre by Utes, White River, Northwestern CO -- 12  
 1499. 1879 -- Oct 09, rear-end train collision, Michigan Central RR, Jackson, MI -- 30  
 1500. 1879 -- Oct 11-19, Apache massacre settlers, CO and NM --21-40  
 1501. 1879 -- Oct 29~, Gloucester, MA fishing sch. *N. H. Phillips*, lost, Banquereau, NS --13-14  
 1502. 1879 -- Oct-Nov, Gloucester, MA fishing sch. *Andrew Leighton* lost, LaHave Bank-- 14  
 1503. 1879 -- Oct-Dec, Gloucester MA fishing sch. *Harvey C. Mackay* Lost, Grand Banks-- 10  
 1504. 1879 -- Nov 08, steamer *Champion* collision with Brit. Bark, Cape Henlopen DE --31-32  
 1505. 1879 -- Nov 18, tunneling gas explosions, Railroad Tunnel No. 3, ~San Jose, CA -- ~30  
 1506. 1879 -- Dec, schooner *Mary D. Pomeroy* lost, Crescent City, CA to SF, CA, -- 14

**From U.S. Census, conducted June 1, 1879-May 31, 1880:**

1507. 1879 -- June-May, 1880, croup, esp. IL/1K, PA/1K, TN/1K, KY/747, NC/611, NE--17,966  
 1508. 1879 -- June-May 1880, diphtheria, esp. PA/4.6K; IL/3.7K; NY/2.3K; IA/2.3K, ME/MI/WI--38,143  
 1509. 1879 -- June-May 1880, malarial fever, esp. MO/1563, AL/1232, GA/1058 AR/1046 --20,231  
 1510. 1879 -- June-May 1880, measles, esp. MO/666, GA/496, KS/496, IN/493, IL/463, VA--8,254  
 1511. 1879 -- June-May 1880, meningitis, esp. KY/350, NY/314, PA/305, TN/296, MO/282 --7,481  
 1512. 1879 -- June-May 1880, scarlet fever, esp. PA/1.8K, IN/1.2K, NY/1K, IA/609, KS --16,388  
 1513. 1879 -- June-May 1880, smallpox, CA/CT/DC/IL/LA/MA/NJ/NM/NY, esp. Philly, TX --1,284  
 1514. 1879 -- June-May 1880, tuberculosis, esp., NY, PA, OH, IL, IN, TN, KY, MA --91,270  
 1515. 1879 -- June-May 1880, typhoid fever, esp. IL/1487, IN/1401, MO/1214, TX/1081 --23,339  
 1516. 1879 -- June-May 1880, whooping cough, esp. IN/687, GA/650, NC/612, TX/584 --11,064
1517. 1880 -- diphtheria, NY, esp. children, esp. NYC & Brooklyn; elsewhere NY --1,805-2,303  
 1518. 1880 -- smallpox, esp. TX/517, Philadelphia/429, Camden NJ/47 Chicago/43, NY --1,281  
 1519. 1880 -- Jan, barkentine *Ray R. Sharp*, Philadelphia, PA for Lisbon, Portugal, lost -- 13  
 1880 -- Jan 09, wind storm, "Storm King," Pacific Northwest, OR, WA -- 5  
 1520. 1880 -- Mar 23, Gloucester, MA schooner *Annie C. Norwood* lost, Caches' Shoal, MA-14  
 1521. 1880 -- Apr 16, explosion, Giant Powder Works, Berkeley, CA --22-27  
 1522. 1880 -- Apr 18, tornadoes, AR/10, IL/KS/OK 1 ea., MO/152, esp. Marshfield/99, MO--165  
 1523. 1880 -- Apr 25, tornado, Macon, Noxubee County, MS -- 22  
 1524. 1880 -- Apr 27, schooner *Olivia Schultze* founders, ~mouth of Siuslaw River, OR -- 15  
 1525. 1880 -- May 04, squall, fishing boats capsize, Columbia River mouth, OR and WA --15-20  
 1526. 1880 -- May 28, tornado, Fannin County, TX -- 40  
 1527. 1880 -- June 09, tornado, Wheeler's Grove, Pottawattamie County, IA --14-20  
 1528. 1880 -- June 11, steamer *Narragansett* hit/burns/sinks, Fog, off Saybrook, CT --27-50  
 1529. 1880 -- June 28, steamer *Seawanhaka* explodes/burns, East River, Randall's Isl. NY-24-50

1530. 1880 -- July 16, beginning of yellow fever outbreak, Jacksonville, FL -- 34  
 1531. 1880 -- July 20, tunnel construction failure (blowout), Hudson River, Jersey City, NJ-- 21  
 1532. 1880 -- July 22, *Mamie* bisected by *Garland*, Detroit River, near Grosse Isle, MI --16-17  
 1533. 1880 -- Aug, bark *Emma C. Litchfield*, St. Mary's, GA to Buenos Aries lost at sea -- 10  
 1534. 1880 -- Aug 09, steamer *Bonnie Lee* boiler explosion, Lenoir Pt., Red River, LA -- 9-10  
 1535. 1880 -- Aug 11, trains collide, West Jersey & Atlantic RR, Mays Landing, NJ --23-26  
 1536. 1880 -- Aug 28, *City of Vera Cruz* sinks in hurricane off Mosquito Inlet, FL -- 68  
 1537. 1880 -- Aug 28, bark *Miriam*, Pensacola, FL to Rio de Janeiro, lost at sea -- 13  
 1538. 1880 -- Aug 29, bark *Alfred*, Pascagoula MS for Trinidad Island, Spain, lost at sea -- 13  
 1539. 1880 -- Aug 29, steamer *Marine City* burns/sinks, Lake Huron, 2mi off Alcona, MI -- 9-14  
 1540. 1880 -- Oct 09, trains collide, Pennsylvania Railroad, Pittsburgh, PA --27-32  
 1880 -- Oct 12, steambarge *Trader* waterlogged in storm/lost, Lake MI, off MI coast<sup>62</sup>-- 0  
 1541. 1880 -- Oct 16, sidewheel steamer *Alpena* sinks, Lake Mich. storm off Holland, MI --60-101  
 1542. 1880 -- Nov, Gloucester, MA fishing schooner *Nathaniel Webster*, lost on the Banks-- 14  
 1543. 1880 -- Nov 15, fire, Minnesota State Asylum for Insane, St. Paul, MN --25-30  
 1544. 1880 -- Dec 17, fire, M.H. Birge & Co.'s "Manufactory," Buffalo, NY -- 13
1545. 1881 -- cerebrospinal meningitis epidemic, New York City, NY -- 461  
 1546. 1881 -- diphtheria, esp. NY/3.7K (NYC/2249, Brooklyn/1143), MI/2K, MA/1K, NJ/972-10,886  
 1547. 1881 -- smallpox, esp. Philly/1336, Chicago/1180, NYC/503, Pittsburgh/448, HI/282 --5,275  
 1548. 1881 -- typhoid fever, Birmingham AL, Washington DC, Minneapolis, NYC -- 692  
 1549. 1881 -- Jan 03, bark *Lupata*, stormy night, grounds / breaks on Tillamook reef, OR --16-18  
 1550. 1881 -- Jan 06, Big Puddle boiler explosion, Allentown Rolling Mill Co., PA --13-14  
 1551. 1881 -- Jan 07, fire, Strafford County Farm [for paupers], near Dover, NH --13-15  
 1881 -- Feb 12, Copper Mine blacksmith shop fire and powder explosion, Belmont, MT--6  
 1552. 1881 -- Feb 27, fire, St. Patrick's Orphanage, Scranton, PA -- 17  
 1553. 1881 -- Mar 04, Almy Coal Mine explosion, Almy, WY -- 38  
 1554. 1881 -- Mar 04, bark *Ajace*, NYC bound, grounds, storm, Rockaway Reef, off Queens NY- 13  
 1555. 1881 -- Apr 12, tornado, F3, Tunica, Desoto Counties, MS -- 10  
 1556. 1881 -- Apr 15, Gloucester, MA fishing schooner *Carrie S. Dagle* lost, Western Bk.-- 12  
 1557. 1881 -- June 12, tornadoes (4), KS and MO -- 15  
 1558. 1881 -- July 6-16 esp., heat/sunstroke, esp. OH/585 (Cincinnati/456), also Pittsburgh-- ≥687  
 1559. 1881 -- July 15, tornado outbreak, MN -- 24  
 1560. 1881 -- Aug-Sep, Gloucester, MA fishing sch. *Guy Cunningham* lost Grand Bank --13-14  
 1561. 1881 -- Aug 27, hurricane, northeast GA, esp. Savannah/southeast SC/maritime -- ~700  
 1562. 1881 -- Sep 01-06, wildfire, "The Thumb Fire," Lower Peninsula, Michigan -->220->300  
 1563. 1881 -- Sep 10, steamer *Columbia* founders, Lake MI storm, north off Frankfort, MI-- 15  
 1564. 1881 -- Sep 20, tornado, Mondovi, Buffalo County, WI -- 12  
 1565. 1881 -- Oct 12, fire, Randolph Cotton and Woolen Mill, Randolph St., Philly, PA -- 9-12  
 1566. 1881 -- Dec 10, lamp fire, boarding house, Rock Cut, near Pittsburgh, PA --16-17  
 1567. 1881 -- Dec 26, steamer *West Point* gasoline fumes explos., York Riv., West Point, VA-- 19
1568. 1882 -- smallpox, esp. Chicago/1292, Cincinnati/1249, PA/1111, Baltimore/551 --≥7,056

<sup>62</sup> Noted here in that several sources (*Maritime History of the Great Lakes* (website), Swayze (*Shipwreck!* 1992, 223), newspapers at time) report ten or eleven deaths (all aboard). The *Great Lakes & Seaway Shipping News Archive*, however, notes that crew was rescued by the schooner *Guide*.

1569.	1882 -- typhoid fever, Washington, DC	-- 120
1570.	1882 -- Jan-Mar, Mississippi River flood	-- 34
1571.	1882 -- Jan 01-26, scarlet fever outbreak, NY, NJ	-- 227
1572.	1882 -- Jan 13, Hudson River Railroad two-train collision, Spuyten Duyvil, NY	-- 10
1573.	1882 -- Jan 15-21, diphtheria, New York City, NY	-- 199
1574.	1882 -- Jan 15-21, measles, New York City, NY	-- 205
1575.	1882 -- Jan 22, bark <i>F. L. Carney</i> wrecks, South Hatteras Inlet, NC	-- 8-10
1576.	1882 -- Jan 31, fire, NY <i>World</i> building, Park Row and Beekman St., NYC, NY	-- 12
1577.	1882 -- Feb 5?, gale, Gloucester schs. <i>Bellerophon, Carroll, Pew, Revere, Somes</i> GB--	67
1578.	1882 -- Feb 03, Midlothian Coal Mine explosion, Coalfield, VA	-- 32
1579.	1882 -- Feb 17, explosion, Jackson Fireworks Plant, Chester, PA	--15-21
1580.	1882 -- Mar 17?, gale, Gloucester MA schooners <i>Northerner</i> and <i>Victor</i> lost, GB	-- 24
1581.	1882 -- Mar 27, tornadoes, Jones, Randolph, Terrell, Lee, Sumter Counties, GA	-- 11
1582.	1882 -- Mar 30, steamboat <i>Golden City</i> burns, Mississippi River, Memphis, TN	--28-32
1583.	1882 -- Apr 06, tornadoes (5), ten counties in MI	-- 10
1584.	1882 -- Apr 19, tornado, F3, Petits and Saline Counties, MO	-- 11
1585.	1882 -- Apr 22, tornado, Lawrence County, MS	-- 10
1586.	1882 -- May 08, tornadoes, Alfalfa, Johnston, and Pittsburg Counties, OK	-- 25
1587.	1882 -- June 17, tornado, eight counties, in particular town of Grinnell, IA	-- 100
1588.	1882 -- July 04, steamboats collide, <i>Scioto</i> sinks, Ohio River, Mingo Junction, OH	-- ~70
1589.	1882 -- July 12, lightning/wind hits building, falls on saloon, fire, Texarkana, AR	-- 30
1590.	1882 -- July 16, steamer <i>John Wilson</i> snags/sinks, Atchafalaya Riv., Richards Landing, LA--	15
1591.	1882 -- Aug-Nov, yellow fever, Pensacola, FL	-- 198
1592.	1882 -- Aug 07, steamboat <i>Gold Dust</i> boiler explosion/fire, MS Riv. ~Hickman, KY--	≥24
1593.	1882 -- Aug 23-24, flooding, Concho Rivers, Ben Ficklin & vicinity, TX	--65->100
1594.	1882 -- Sep 30, steamboat <i>Rob't. E. Lee</i> burns, Miss. River, Yucatan Landing, LA	--22-30
1595.	1882 -- Dec 1, steambarge <i>R.G. Peters</i> burns/sinks, storm, mid-Lake MI, MI bound/owned-14	
1596.	1882 -- Dec 05, schooner <i>Henry Folger</i> grounds on reef, Salmon Pt. ~Wellington, Ont.-16	
1597.	1882 -- Dec 6, steamer <i>Morning Star</i> flue collapse/boiler bursts, MS Riv., below N.O., LA-15-17	
1598.	1883 -- smallpox, esp. New Orleans/1079 Baltimore/633 Cincinnati/189 Chattanooga/103--	3136
1599.	1883 -- typhoid fever, Washington, DC	-- 92
1600.	1883 -- Jan 02, Cowe Tunnel convict boat capsizes, Tuckasegee River, Western NC--	19
1601.	1883 -- Jan 09, mine explosion, Coulterville Coal Mine, Coulterville, IL	-- 10
1602.	1883 -- Jan 10, fire (suspected arson), Newhall House (Hotel), Milwaukee, WI	--~71~90
1603.	1883 -- Jan 20, train derails, Southern Pacific Railroad, Tehachapi, CA	--15-25
1604.	1883 -- Jan 21, explosions, Giant Powder-Works, Point Clement, ~Oakland, CA	--30-40
1605.	1883 -- Jan 23, train derails, Georges Creek & Cumberland Rd., ~Cumberland, WV--	15
1606.	1883 -- Jan 29, steamer <i>Tacoma</i> grounds/breaks-up, Pacific, 4m no. of Umpqua Riv., OR--	10
1607.	1883 -- Jan 30, avalanche, Howard Smith Coal Mine, near Crested Butte, CO	-- ~10
1608.	1883 -- Jan 30, avalanche, American Fork Canyon, UT	-- 10
1609.	1883 -- Feb 16, Diamond Coal Mine roof collapse & flooding, Braidwood, IL	--69-74
1610.	1883 -- Feb 20, fire evacuation/railing breaks/falls & suffocation, school, NYC	--15-16
1611.	1883 -- Mar 4, steamer <i>Yazoo Valley</i> hits log/sinks, MS Riv., ~Bonnet Carre Crev., LA--	20
1612.	1883 -- Mar 10, fire, boarding house, Brownsville, ND	-- 11
1613.	1883 -- Mar 30, train accident, Cincinnati Southern Rail, Mason's Station, OH	-- 53

1614. 1883 -- Apr 07, structural failure and fire, Ende Hotel, Greenville, TX --13-15
1615. 1883 -- Apr 11, steamer *Geo. W. Wylly* hits pier/sinks, Chattahoochee Riv., Fort Gaines, GA- 13
1616. 1883 -- Apr 22, tornado, Terrell, Webster and Sumter counties, GA -- 10
1617. 1883 -- Apr 22, tornadoes, MS -- 81
1618. 1883 -- Apr 23, tornadoes, Oglethorpe/Baker/Dougherty/Worth/Greene counties, GA-- 11
1619. 1883 -- May 03, American steamer *Grapples*, Puget Sound to Alaska, Burns, off BC-- 70
1620. 1883 -- May 13, tornado outbreak, KS and MO -- 10
1621. 1883 -- May 18, tornado outbreak, AR, IL, MO, WI -- 62
1622. 1883 -- May 20, schooner *Wells Burt* founders, Lake Mich. storm, off Evanston IL --10-11
1623. 1883 -- May 25, steamboat *Pilot* boiler explosion, Petaluma River near Lakeville, CA-9-10
1624. 1883 -- May 28, tornadoes, ~Clay City, Clay Co., Edinburgh, Johnston Co., IN --14-20
1625. 1883 -- May 30, crushing and trampling, Brooklyn/East River Bridge, NY -- 12
1626. 1883 -- June 23, trains collide, Northern Pacific Railroad, Heron Station, MT -- 24
1627. 1883 -- June 23, coroner's jury remands Dr. Isaac Hathaway for infanticide trial -- 23
1628. 1883 -- July 23, pier fails, Patapsco Riv., North Point, Tivoli Park, Baltimore, MD --63-70
1629. 1883 -- July 27, "Thousand Islands" passenger train hits railcar, Carlton, NY --17-23
1630. 1883 -- Aug 05-Nov 6, yellow fever outbreaks, Brewton, AL, FL -- 73
1631. 1883 -- Aug 12, massacre, Santa Fe Railroad surveyors attacked by Apache -- 13
1632. 1883 -- Aug 21, tornadoes, Olmsted, Dodge, Winona Counties, MN -- 40
1633. 1883 -- Aug 23, George-Whiting Paper Mill fire & explosion, Menasha, WI -- 16
1634. 1883 -- Aug 29, gale, Gloucester MA schooners *Alaska* & *James Bliss* lost, GB --23-24
1635. 1883 -- Sep, Gloucester MA schooner *Charles Hildreth* lost, trip to Georges Bank -- 10
1636. 1883 -- Sep-Oct, diphtheria, Orange County, NC -- 22
1637. 1883 -- Sep 11, hurricane three of 1883, SC, NC (53) VA (12<sup>th</sup>), especially NC -- 53
1638. 1883 -- Sep 28, explosion, California Powder Works, Pinole, CA -- 41
1639. 1883 -- Nov 12, gale, Chesapeake Bay, sloop *Anne Gertrude*, other vessels lost -- 9-20
1640. 1883 -- Nov 12-14, gales, 9 Gloucester, MA fishing schooners lost, Georges Bank-- 114
1641. 1883 -- Nov 16, steamer *Manistee* lost, Lake Superior gale, off W. Keweenaw Pen., MI~27
1642. 1883 -- Nov 21, tornado outbreak (4), AR -- 10
1643. 1883 -- Dec 12-13, MI schooner *Mary Ann Hulbert* sinks, Lake Superior storm ~St Ignace Isl. Ont.-20
1644. 1883 -- Dec 25, avalanche (Mendota Slide), near Telluride, CO -- 13
1645. 1883 -- Dec 28, gale, Gloucester schrs. *Stetson*, *Knutsford*, *Irving*, *Maddocks* lost --52-55
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1646. 1884 -- typhoid fever, Washington, DC -- 76
1647. 1884 -- Jan 5, fire, Immaculate Conception Academy (convent/school), Belleville II-- 32
1648. 1884 -- Jan 18, *City of Columbus* hits Devil's Bridge reef, Martha's Vineyard, MA-- 103
1649. 1884 -- Jan 23, raft upset/drownings, Upper Cumberland River, near Carthage TN -- 9-10
1650. 1884 -- Jan 24, Crested Butte Coal Mine explosion, Crested Butte, CO -- 59
1651. 1884 -- Feb 16, Ohio River flooding, boarding house collapse, Cincinnati, OH --10-14
1652. 1884 -- Feb 19-20, Enigma SE tornadoes, AL/GA/KY/LA/MS/NC/PA/SC/VA --178-420
1653. 1884 -- Feb 20, West Leisenring Coal Mine explosion, West Leisenring, PA -- 19
1654. 1884 -- Feb 28, gale, Gloucester MA fishing schooners *Magic* and *Phoenix* lost -- 26
1655. 1884 -- Mar 07, avalanche, New Emma Mine, Alta, Little Cottonwood, UT -- 12
1656. 1884 -- Mar 11~, avalanche, Woodstock, CO -- ~15
1657. 1884 -- Mar 13, mine explosion, Laurel Creek coal mine, Pocahontas VA -- 112
1658. 1884 -- Mar 25, storm system spawns tornadoes, Al, GA, SC, NC, KY, IN,OH --30-43

1659. 1884 -- Mar 28-30, rioting, Hamilton County Courthouse, Cincinnati, OH --45-56
1660. 1884 -- Apr 01, tornado, OH, IN, TN and Western PA -- 12
1661. 1884 -- Apr 02, tornadoes, Blount and Madison Counties, AL -- 10
1662. 1884 -- Apr 30, fire, Van Buren County, MI Poorhouse, near Harford, MI --13-15
1663. 1884 -- May 14, trains collide, Baltimore & Ohio RR, near Connellsville, PA -- 14
1664. 1884 -- May 30, cloudburst, flash flood, cattle camp, Frenchman's Creek, CO -- 11
1665. 1884 -- June 04, infant bodies found, Nivison Home for Infants, Hammonton, NJ -- 21
1666. 1884 -- June 08, ferry boat goes over Falls, drownings, Thompson's Falls, MT -- 11
1667. 1884 -- Jun 27, schooner *Deborah H. Diverty* founders, storm, off Beck's Beach, NJ-- 10
- 1884 -- July 30, lightning, 4 girls in bed killed, father commits suicide, Marysville KS-- 5
- 1884 -- Aug 21, gas asphyxiation, Buck Ridge Colliery, Shamokin, PA -- 7
1668. 1884 -- Aug 28/29, Orton's Anglo-American Circus Train fire, near Greeley, CO -- 10
1669. 1884 -- Aug 29, steamer *Belmont* capsizes, high wind, OH Riv., 3m ~Henderson, KY-13-17
1670. 1884 -- Oct 02, washout, Omaha RR construction train derails near Bayfield, WI --10-12
1671. 1884 -- Oct 8, gale, Hyde Park Waterworks crib cabin washed away, Chicago, IL -- 9-10
1672. 1884 -- Oct 27, "fire damp" gas explosion, Youngstown Coke Works, Uniontown, PA-14
1673. 1884 -- Nov 01, political riot, Loreauville, Iberia Parish, LA -- ≥18
1674. 1884 -- Nov 13, sabotage, Houston & TX Central train derails, ~Hempstead, TX -- 9-12
1675. 1884 -- Dec 12, storm, oyster boats capsize, men drown, Rappahannock River, VA-- 27
1676. 1884 -- Dec 18, fire, St. John's Home, Catholic Orphan Asylum, Brooklyn, NY --23-25
1677. 1885 -- diphtheria & croup, localities in 16 states; esp. NY/4508, MI/1552, NJ/1496 --10,788
1678. 1885 -- typhoid fever epidemic, Plymouth, PA (114) & Washington, DC (124) -- 238
1679. 1885 -- Jan 18, fire, Illinois Eastern Hospital for Insane, Kankakee, IL -- 18
1680. 1885 -- Feb 9~, gale, Gloucester, MA fishing schooner *Solomon Poole* lost, GB -- 14
1681. 1885 -- Feb 12, arson fire, Dept. for Insane, Blockley Almshouse, Philly, PA --19-20
1682. 1885 -- Feb 13, avalanche, Alta, UT -- 30
1683. 1885 -- Apr 06, roof fall, Cuyler Coal Mine, Raven Run, PA -- 10
- 1885 -- May, bark *Carrie E. Long* hit by lightning, sinks near Bahamas -- 4
1684. 1885 -- May 05, factory building collapse, State and Hicks Streets, Brooklyn, NY -- 15
1685. 1885 -- May 05, New Bedford, MA whaling bark *Napoleon* sunk by ice, Bering Sea-- 22
1686. 1885 -- May 21, stove explodes, fire, Sullivan's Printing Bldg., Cincinnati, OH -- 18
1687. 1885 -- July 15-26, excessive heat, Philadelphia, PA -- 40
1688. 1885 -- Aug, schooner *Washington*, Apalachicola, FL to NYC, lost at sea -- 10
1689. 1885 -- Aug 11, gas from boiler fire, West End Coal Mine, Mocanaqua, PA -- 12
1690. 1885 -- Aug 20, Brit. bark *Haddingtonshire* strands 3 miles No. Point Reyes, CA -- 15
1691. 1885 -- Aug 24-26, hurricane, FL/1, GA/2, NC, SC/21, New England, Atlantic/1 -- 25
1692. 1885 -- Sep 2-3, racial/union violence, Chinese strikebreakers, Rock Springs WY -- 28
1693. 1885 -- Oct, bark *Bertha*, Sand Key, Turk's Island for Boston, lost at sea -- 13
1694. 1885 -- Oct 12, last sighting, San Fran. whaler *Amethyst*, St. Lawrence Isl. Bering Sea, AK--43
- 38 *Amethyst* crew
- 5 *Rainbow* crew survivors onboard the *Amethyst*
1695. 1885 -- Oct 18, trains collide (three), near Jersey City, NJ -- 12
1696. 1885 -- Nov 06, tornado, Dallas County, Near Selma, AL -- 13
1697. 1885 -- Nov 07, snowstorm, passenger ship *Algoma* grounds, Greenstone, Mott Isl., MI-37-48
1698. 1885 -- Nov 13, Bull Domingo Silver/Gold Mine dynamite explos., Silver Cliff, CO-- 10

1699. 1885 -- Dec 4-6, schooner *Orphan Boy* grounds, Lake Mich. storm, Big Sable Pt., MI-7-10
1700. 1885 -- Dec 15, train collision, Georgia Pacific Rail, near Austell, GA -- 11
1701. 1885 -- Dec 18, water breach/quicksand, Nanticoke Coal Mine # 1, Nanticoke, PA--26-28
1702. 1885 -- Dec 25, steamship *City of Nassau* lost after leaving Philadelphia, PA -- 17
1703. 1885 -- Dec 25-Jan 1886, Gloucester, MA fishing schmr. *Hyperion* lost, GB trip gale?--12
1704. 1885 -- Dec 25-Jan 1886, Gloucester, MA fishing schooner *Mabel Dilloway* lost -- 16
1705. 1885 -- Dec-Jan 1886, Gloucester, MA fishing schooner *Virginia Dare* lost, GB -- 14
1706. 1886 -- typhoid fever, Washington, DC -- 125
1707. 1886 -- Jan 2, steam *W.D. Chipley* grounds/sinks, Chattahoochee Riv., 7m no. Fort Gaines GA--8-11
1708. 1886 -- Jan 08-10, gale, maritime losses, coasts of NJ, NY and New England -- 34
1709. 1886 -- Jan 12, coal mine explosion, Almy No. 4, Almy, WY -- 13
1710. 1886 -- Jan 21, explosion, Newburg Coal Mine, Newburg, WV -- 39
1711. 1886 -- Feb 26, snowstorm, steamer *Idlewild* strands, lifeboat lost, off Stamford CT--8-11
1712. 1886 -- Mar 16, steam freighter *Beda* springs leak, founders off Cape Perpetua, OR-- 11
1713. 1886 -- Mar 17, racial hate crime, Carrollton Massacre, Carrollton, MS -- 13
1714. 1886 -- Apr 07, train derails between Bardswell Ferry and W. Durfield Station, MA-- 13
- 1886 -- Apr 09, governmental violence, labor riot, East St. Louis, IL -- 6
1715. 1886 -- Apr 14, tornadoes, Sterns/Benton (Sauk Rapids)/Morrison Counties, MN -- 79
1716. 1886 -- Apr 14, tornadoes (4), IA, NE, MO -- 13
- 1886 -- Apr 20, rain, Mud Pond Reservoir Dam/Mt. Lake fails/flood, East Lee, MA-- 7
1717. 1886 -- May 03-4, Haymarket Labor Affair/bombing/riot/massacre, Chicago, IL --11-12
- 1886 -- May 05, strikers/bystanders shot by Wisc. militia, Bay View, Milwaukee, WI-- 7
1718. 1886 -- May 11, wind storm, Kansas City, MO -- 32
1719. 1886 -- May 12, flash flood, Shawnee Creek, especially Barr's Bottom, Xenia, OH-- 28
1720. 1886 -- May 12, tornadoes, Warren, Hancock, Fountain Counties, IN -- 10
1721. 1886 -- May 14, tornadoes, Hardin, Hancock, Mercer, Wyandot Counties, OH -- 17
1722. 1886 -- June-July, Gloucester, MA fishing schooner *Seth Stockbridge* lost, Greenland--14
1723. 1886 -- July 02, explosion, Atlantic Powder Works, near Drakesville, NJ -- 10
1724. 1886 -- Aug 19-20, tropical cyclone, TX, especially Indianola, TX -- 38
1725. 1886 -- Aug 31, Charleston, SC earthquake, felt in 27 states and DC --100-124
1726. 1886 -- Aug-Sep, Gloucester, MA fishing schooner *George L. Smith* lost GB trip -- 14
1727. 1886 -- Aug-Sep, Gloucester, MA fishing schr. *John F. Wonson* lost, Brown's Bk.-- 10
1728. 1886 -- Sep 14, trains collide, Nickel-Plate Railroad, Silver Creek, NY -- 20
1729. 1886 -- ~Sep 20 Amer. ship *Sierra Nevada*, Seattle for San Fran., founders off Cape Flattery WA-13
1730. 1886 -- Sep 29, steamboat *Julia* steam drum explosion, steam release, San Fran. CA-- 10
1731. 1886 -- Oct 05, *La Mascotte* flue collapse/fire/stack fall, MS Riv., Crawford Lndg., MO--≥35
1732. 1886 -- Oct 11-13, hurricane, Cameron Parish LA/50; E.TX, esp. Beaumont/Sabine Pass, TX-150
1733. 1886 -- Oct 28, train derailment and fire, near East Rio, WI -- 22
1734. 1886 -- Nov 14~, Kodiak schmr. *Flying Scud* lost, Cape Douglas to Kodiak, Gulf of AK-24-26
1735. 1886 -- Nov 15-18, Lake Superior and Michigan storm, maritime deaths, MI & WI -- 39
- 5 *Emerald*, barge; foundered near Kewanee, WI, Lake Michigan
- 3 *F. M. Dickinson*, barge; foundered off Kewaunee, WI, Lake Michigan
- 1 *Florida*, schooner; pushed ashore into pier crushing a crewman
- 6 *Helen*, schooner; grounded near Muskegon, MI, Lake Michigan
- 10 *Lucerne*, schooner; grounded/broke-up off Chequamegon Pt., WI, Superior

- 7 *Marinette*, schooner; driven ashore/wrecked near Frankfort, MI, Lake Mich.  
 -- 7 *Menekaunee*, schooner; driven ashore/wrecked near Frankfort, MI, Lake MI
- 1886 -- Nov 18, landslide wrecks train near Pittsburgh, PA -- 2
1736. 1886 -- Nov 26, Conyngham Coal Mine gas explosion, Wilkes-Barre, PA -- 12
1737. 1886 -- Dec 13, steamer *J.M. White* fire, MS Riv., Blue Store Lndg. ~Pt. Coupee, LA--28-40
1738. 1886 -- Dec 14, gale, American ship *Harvey Mills* sinks ~50m SW of Cape Flattery WA--17-21
1739. 1886 -- Dec 17, whaling bark *Atlantic* grounds near San Francisco, CA -- 27
1740. 1886 -- Dec 28, fire, steamer/boarding house *Bradish Johnson*, Jackson, AL -- ~24
1741. 1886 -- Dec 31, trains collide/fire, Southern Pacific Railroad, Devil's River, TX -- ~10
1742. 1887 -- diphtheria, esp. NY/6,490 (NYC/4,509), Chicago/1,405, St. Louis/1,112, MA--14,507
1743. 1887 -- typhoid fever, Washington, DC -- 116
1744. 1887 -- Jan 04, freight and passenger trains collide, fire, Republic, OH -- ~20
1745. 1887 -- Feb 05, train derails (broken rail) into White River, burns, near Hartford, VT-- 37
1746. 1887 -- Mar 01, steamer *W.H. Gardner* burns, Tombigbee riv., ~3m below Gainesville, AL-20-21
1747. 1887 -- Mar 14, Bussey bridge collapses under train, Roslindale, near Boston, MA--23-37
1748. 1887 -- Mar 20, steamer *Seal* lost, Lynn Canal north of Berners Bay, southeast AK-- 12
1749. 1887 -- Mar 18, fire, Richmond Hotel (Young Men's Assn.), Buffalo, NY -- 15
1750. 1887 -- Mar 24, fire, Colby Iron Mine Boarding House, Bessemer, MI -- 12
1751. 1887 -- Apr, Gloucester, MA fishing schooner *Jamestown* lost, Western Bank -- 12
1752. 1887 -- Early Apr, Amer. ship *St. Stephens* (Seattle-SF CA), lost in gale off Cape Flattery WA--22-27
1753. 1887 -- Apr 01, ship *Eldorado* (Seattle to S.F.) sinks in storm off Cape Flattery, WA-- 12
1754. 1887 -- Apr 04, mine dust explosion, Old Savanna #2 Coal Mine, Savanna, OK -- 18
1755. 1887 -- Apr 21, tornadoes, Anderson, Linn counties, KS; Bates County, MO -- 29
1756. 1887 -- Apr 22, tornadoes, near Clarksville, AR; ~Mt. Carmel, IN; Buena Vista, IL-- 25
1757. 1887 -- Apr 23, boiler explosion, Passaic Rolling Mills, Paterson, NJ -- 20
1758. 1887 -- Apr-Aug, MA fishing schooner *Lydia Y. (or T.) Crowell*, lost, N.S. fishing--15-16
1759. 1887 -- May-Dec, yellow fever, esp. Key West (64) and Tampa (75-100), FL --169-196
1760. 1887 -- May 25, Chinese gold miners slain by thieves, Massacre Cove, Wallowa Co., OR-31-34
- 1887 -- June 04, rock fall, quarry, Birmingham, PA (near Altoona) -- 5-6
1761. 1887 -- June 17, steamer *Champlain* burns, grounds, Lake Mich., off Charlevoix, MI-- 22
1762. 1887 -- July 09, Alcazar Theater fire and town conflagration, Hurley, WI --10-11
1763. 1887 -- July 10, overloaded sloop yacht *Mystery* capsizes, Canarsie Bay, LI, NY --24-33
- 1887 -- July 12, lightning, people seeking shelter under a tree, ~Mt. Pleasant, TN -- 9
1764. 1887 -- July 21, train runs into work-gang, Erie Railroad, near Ho-Ho-Kus, Nj -- 15
1765. 1887 -- July 27, trains collide, Chicago/Alton RR, between Hopedale & Delavan IL-- 15
1766. 1887 -- July-Oct, bark *Isabel*, Rockland, ME to Pensacola, FL, lost at sea -- 10
1767. 1887 -- Aug 10, excursion train falls through burning culvert bridge/burns ~Chatsworth IL--82-85
1768. 1887 -- Aug 20, gale, Provincetown MA whaling sch. *Ellen Rizpah* lost ~Hatteras --13-14
1769. 1887 -- Sep 03~, gale, Gloucester, MA fishing sch. *Thomas L. Tarr* lost, Banks trip--14
1770. 1887 -- Sep 03, gale, Provincetown, MA fishing sch. *Rebecca R. Nickerson* lost, GB-- 19
1771. 1887 -- Sep 21, hurricane, mid-TX coast to Brownsville, US tender *Mignonette* lost/16--16
1772. 1887 -- Sep 22~, trains collide, near Guthrie (Indian Territory), OK<sup>63</sup> --?8-10
1773. 1887 -- Oct 03, propeller *California* founders, Lake Mich., off St. Helena Isl., MI -- 9-14
1774. 1887 -- Oct 10, train collision, Chicago & Atlantic Railway, near Kouts, IN -- 10

<sup>63</sup> Have not located sufficient material to be confident of the date or the number of fatalities.

1775. 1887 -- Oct 18, ship *Alfred Watts*, Philadelphia to Japan, lost at sea -- 25
1776. 1887 -- Oct 29, loaded steamer *Vernon* sinks, Lake MI storm, off Two Rivers, WI --41-49
1777. 1887 -- Nov 01, explosion/fire, Newman's Grocery Store/tenement, St. Louis, MO-- 8-10
1778. 1887 -- Nov 03, schooner *Ocean Bird* capsizes, storm, Pasquotank River, NC -- 9-20
1779. 1887 -- Nov 17-19, northeaster, Lake Superior, thirty shipwrecks -- ~ 40
1780. 1887 -- Nov 23-25, violence, racial/labor, striking sugarcane workers, Thibodaux, LA--30->50
1781. 1887 -- Nov-Dec, Gloucester, MA fishing schooner *Peter D. Smith* lost Georges trip-- 12
1782. 1887 -- Nov-Dec, Gloucester, MA fishing schooner *William Parsons*, 2<sup>nd</sup>, lost, GB-- 12
1783. 1887 -- Dec 20, freighter *San Vincente* burns off Pigeon Point ~45m so. of SF, CA-- 12
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1784. 1888 -- measles epidemic, Omaha Nation, NE -- 87
1785. 1888 -- typhoid fever, Washington, DC -- 168
1786. 1888 -- Jan 09, ship *John T. Berry*, Philadelphia, Pa. to Japan, burns at sea -- 11
1787. 1888 -- Jan 10, train derailment, Merrimac River Bridge, Haverhill, MA -- 9-14
1788. 1888 -- Jan 12, blizzard/extreme cold, esp. MN/70-200, NE/69-100, SD/~150 --315-500
1789. 1888 -- Feb 05, British ship *Abercorn* grounds in fog, west, off Aberdeen, WA --22-23
1790. 1888 -- Feb 19, tornado, F4, Mount Vernon, Jefferson County, IL --24-30
1791. 1888 -- Feb 27, ferry *Julia* boiler explosion/fire, Carquinez Strait, South Vallejo, CA-- 30
1792. 1888 -- Mar 11-14, Mid-Atlantic/New England Nor'easter, esp. NY/MA/maritime--298-301
1793. 1888 -- Mar 17, train derails/trestle collapse, W. India Fast Mail, Blackshear, GA --25-27
1794. 1888 -- Mar 29, coal mine explosion, Keith & Perry No. 6, Rich Hill, MO -- 24
- 1888 -- Apr 05, train derails, bridge damaged by ice gorge, near New Hampton, IA-- 5
1795. 1888 -- May 03, gale, fishing sch. *Isabel* springs leak, founders ~Shumagin Isl. AK-12-14
1796. 1888 -- June 04, fire, Mundine Hotel, Rockdale, TX -- 11
- 1888 -- June 14, tornado, Lexington, Sand Hollow, and Pine City, Morrow Co., OR-- 3-6
1797. 1888 -- June 26, trains collide, Penn & Schuylkill RR, Cable City, ~Shamokin PA -- 6-11
1798. 1888 -- July-Dec, Yellow Fever epidemic, FL esp. Jacksonville/430; Decatur AL/35--546
1799. 1888 -- July 12, Fat Nancy Trestle failure, train wreck, ~Orange Court House, VA-- 9-10
1800. 1888 -- July 18-19, flooding, WV, especially near and at Wheeling , WV --20-30
1801. 1888 -- July 22, trains collide, Forest Depot, near Lynchburg, VA --13-20
1802. 1888 -- Aug, cloudburst, flash flood, near Hot Springs, AR -- 13
1803. 1888 -- Aug 03, fire, tenement and shop house, 197 Bowery, NY, NY --17-20
- 1888 -- Aug 09, fire, wall collapse, Caldwell & Griffith block, Chattanooga, TN -- 5-7
1804. 1888 -- Aug 16, racial violence, White Regulators attack Blacks, Freetown, LA -10-21
1805. 1888 -- Aug 21, tornado, F2, Kent County, MD -- 11
1806. 1888 -- Aug 22, fire & bleach explosion, G. Whiting Paper Mill, Neenah, WI -- 18
1807. 1888 -- Aug 22, flooding, remnant of Gulf Coast hurricane #3, MD, PA, WV -- 16
1808. 1888 -- Aug 22, fog, steamers collide, *City of Chester* sinks, San Francisco Bay, CA--15-16
- 1888 -- Sep 02, fire, firefighters killed, Hopkins Place, Baltimore, MD -- 7
1809. 1888 -- Sep 6, storm, steamer *E.B. Ward Jr.* sinks, Utila to New Orleans, Gulf of Mex.--21
1810. 1888 -- Sep 11, premature explos., Wickes Tunnel, Montana Central RR ~Helena, MT-10
1811. 1888 -- Oct 03, storm, whaling bark *Ohio* driven ashore ~Point Hope, Chukchi Sea, AK-25
1812. 1888 -- Oct 10, Lehigh Valley RR trains collide, Mud Run, Carbon County, PA --64-66
1813. 1888 -- Oct 16, trains collide, Lehigh Valley railroad, near Tamanend switch, PA -- 10
1814. 1888 -- Oct 24, barkentine *Makah* found bottom-up off Tillamook Head, OR -- 11
1815. 1888 -- Nov 03, Cook's Run mine explosion, Kettle Creek Coal Mine, Westport, PA-- 18



1816. 1888 -- Nov 09, fire, Steam-Gauge and Lantern Works, Rochester, NY --34-38  
1817. 1888 -- Nov 09, mine explosion, Shaft No. 2 Coal Mine, Frontenac, KS -- 40  
1818. 1888 -- Nov 25, storm, Philly steam collier *Allentown* grounds off Cohasset, MA --all 18  
1819. 1888 -- Nov 26, storm, schooner *Edward Norton* wrecks, 1st Cliff Pt., Scituate MA-- 15  
1820. 1888 -- Nov-Dec, Gloucester, MA fishing schooner *Carleton* Lost, Georges trip -- 12  
1821. 1888 -- Nov-Dec, Gloucester, MA fishing schooner *Joseph O.* lost, Georges trip -- 12  
1822. 1888 -- Dec 08, Hawes Lynch Mob fired on, Jefferson Co. Jail, Birmingham, AL --10-15  
1823. 1888 -- Dec 23, steamer *Kate Adams* burns, Miss. River, Commerce Landing, MS -- ~33  
1824. 1888 -- Dec 24, steamer *John H. Hanna* burns, Mississippi Riv., Plaquemine, LA --21-25
1825. 1889 -- Measles Epidemic, Omaha Nation, Nebraska -- 50  
1826. 1889 -- Typhoid Fever, Washington, DC -- 170  
1827. 1889 -- Jan-Feb, Cerebrospinal Meningitis epidemic, Webster County, KY --50-70  
1828. 1889 -- Jan 05, steamer *Paris C. Brown* snags and sinks, Hermitage Landing, LA -- 8-11  
1829. 1889 -- Jan 09, windstorm, especially Pittsburgh and Reading, PA --48-61  
1830. 1889 -- Jan 14, passenger and freight trains collide, burn, near Tallmadge, OH -- 8-10  
1831. 1899 -- Jan 29-Feb 14, arctic cold, snow, blizzards, esp. east and south of Rockies -- 190  
1832. 1889 -- Feb 09, last sighting, schooner *Annie* leaves San Francisco for Unalaska, AK-- 11  
1833. 1889 -- Feb 17, Park Central Hotel boiler explosion & collapse, Hartford, CT --21-23  
1834. 1889 -- Feb 22, Nova Scotia bark *Josie Troop* hits rocks at Chicamacomico, NC -- 11  
1835. 1889 -- Feb 25, powder explosion, squib (mining fuse) factory, Plymouth, PA -- 11  
1836. 1889 -- Mar 02, SF whaling schooner *James A Hamilton* departs San Francisco for AK--21  
1837. 1889 -- Mar 02, SF CA sealing schooner *Otter* leaves San Francisco for AK, lost -- 23  
1838. 1889 -- Mar 16, Portland, ME bark *E.L. Pettengill*, wrecks, Chesapeake Bay -- 14  
1839. 1889 -- Mar 26~, Gloucester fishing schnr. *Shiloh* reported run down off Cape Cod-- 14  
1840. 1889 -- Apr 06, Nor'easter, DE/MD/VA/NC, Chesapeake Bay, many vessels lost --25-37  
1841. 1889 -- Apr 28, train derails and burns, Hamilton, Ontario, Canada --20; US 13-18  
1842. 1889 -- May 9, Kaska William Coal Mine car falls with men in cage, Middleport PA-- 10  
1843. 1889 -- May 13, sidewheel steamer *Alaskan* founders, storm, off Cape Blanco, OR--28-30  
1844. 1889 -- May 31, South Fork Dam fails/flash flood/fire, Johnstown & vic., PA --2,209-3,188  
1845. 1889 -- May 31/June 1, flooding, Nittany Valley, Wayne Township, PA -- 84  
1846. 1889 -- May 31-June 2, flooding, District of Columbia; MD (lives lost) -- 8-11  
1847. 1889 -- June 26, trains collide, fire, Loyal Hanna Bridge, near Latrobe, PA -- 12  
1848. 1889 -- July 02, flash flood, washout/train derailment, fire, near Thaxton, VA -- 17  
1849. 1889 -- July 09, storm, flooding, Stone Bridge failure, Johnstown, NY -- 6-15  
1850. 1889 -- July 18, flooding, Morristown, Rockport and Parkersburg vicinities, WV --19-23  
1851. 1889 -- Sep 09, White Ash Coal Mine flooding, Golden, CO -- 10  
1852. 1889 -- Sep 9-12, hurricane/severe storms mid-Atlantic coast, esp. DE/VA/MD/PA/NJ/NY-40-50  
1853. 1889 -- Oct 03, steamer *Corona* boiler explos., Mississippi River, False River LA --38-46  
1854. 1889 -- Nov 20, stmr. *Manhattan* sinks, collision, sch. *Agnes Manning*, off Fenwick Isl., DE--12  
1889 -- Nov 23, St. Lawrence copper mine fire, suffocation Anaconda mine, Butte, MT-6  
1889 -- Nov 30, fire, Tribune Building, Minneapolis, MN -- 7  
1855. 1889 -- Dec 10, fire scare, trampling, Parke Theater/Opera House, Johnstown, PA -- 12  
1856. 1889 -- Dec 22, Utica Gold Mine north shaft collapse/cave-in, Angels Camp, CA --16-17  
1857. 1889 -- Dec 25, racial violence, Jesup, GA --6~10  
1858. 1889 -- Dec 28, C&O train derails, Jary's Run, near White Sulphur Springs, WV --10-11

**From U.S. Census, conducted June 1, 1889-May 31, 1890:**

1859. 1889-90, June-May, croup, 48 States & DC, esp. NY/1.5K, PA/1.4K, IL/957, MO--13,862  
1860. 1889-90, June-May, diphtheria, 48 States & DC, esp. NY/4K, PA/2.9K, IL/2.6K --27,815  
1861. 1889-90, measles, esp. NY/757, PA/676, KY/513, MO/513 OH/714 AL/496 --9,256  
1862. 1889-90, June-May, smallpox, especially NM/231, TX/88, NY/13, and CT/12 -- 398  
1863. 1889-90, typhoid (Enteric) fever, esp. PA, 2.8K, NY/1.7K, IL/1.7K, OH/1.6K --27,058

**Chronology (continued)**

1864. 1890 -- Jan-March<sup>64</sup> influenza (La Grippe/Russian Flu), esp. NY/IL/CT/OH/PA-16,295-17,807  
1865. 1890 -- Jan 09~, Gloucester, MA fishing schooner *Alice M. Strople* lost GB gale? -- 14  
1866. 1890 -- Jan 09, bridge caisson No. 1, floods, Ohio River, near Jeffersonville, IN -- 14  
1867. 1890 -- Jan 12/13, tornado/storm, New Madrid County, MO, Hickman Co., KY -- 13  
1868. 1890 -- Jan 23, bark *Nellie May* (Port Madison WA for SF CA) lost, gale? off Cape Flattery WA--13  
1890 -- Feb 01, coal mine gas explosion, Nottingham Shaft, Plymouth, PA -- 8  
1869. 1890 -- Feb 02, shop and tenement fire, North Street, Boston, MA --12-14  
1870. 1890 -- Feb 02, flooding, trestle fails, train cars fall, near Cascade Locks, OR -- 9-10  
1890 -- Feb 3-5, flooding, Portland, elsewhere, Willamette, Rogue, coastal rivers, OR--≥5  
1871. 1890 -- Feb 22, dam failure, Walnut Grove, Hassayampa River, AZ -- 100  
1872. 1890 -- Mar 17, fire/bldg. collapse on firemen, Bowen-Merrill Co., Indianapolis, IN-- 13  
1873. 1890 -- Mar 27, tornadoes, MO-IL, IL, MO-KY, MO-IL, KY-IL-KY, TN, KY -- 156  
1874. 1890 -- Mar 27, starch dust explosion/fire, Chicago Sugar Refinery, Chicago, IL -- 12  
1875. 1890 -- Mar-Apr, Gloucester MA fishing schooner *William W. Rice* lost, Iceland trip-- 16  
1876. 1890 -- Apr 26, SF CA ship *Oneida* strands, Oneida Rock, off Sanak Island SW, AK-- 77  
1877. 1890 -- May 07, fire, Chenango County Poorhouse & Insane Asylum, Preston, NY-- 13  
1878. 1890 -- May 15, explosion and rock fall, Jersey No. 8 Coal Mine, Ashley, PA --26-28  
1879. 1890 -- May 30, train falls through open drawbridge, drownings, Oakland, CA -- 29  
1880. 1890 -- June 03, tornado, Bradshaw, NE -- 12  
1881. 1890 -- June 16, mine fire, Hill Farm Coal Mine, Dunbar, PA -- 31  
1882. 1890 -- June 20, tornado, (7 at Deacon Hunt school) Lee and Dekalb Counties, IL -- 13  
1883. 1890 -- July 13, steamer *Sea Wing* capsizes in storm, MS River, Lake Pepin, MN -- 98  
1884. 1890 -- Aug 06, Boston sch. *Magellan*, sunk by the *St. Mary* near Falkland Islands--20-22  
1885. 1890 -- Aug 19, tornadoes, Luzerne, Susquehanna, Berks, Carbon counties, PA -- 28  
1886. 1890 -- Aug 19, train derails, Cape Cod Express, Old Colony RR, ~Quincy, MA -- 23  
1890 -- Aug 21, thunder/wind storm, streetcar building wall collapse, Philadelphia, PA--6  
1890 -- Aug 22, runaway gravity car, Mt. Penn Railroad, Mt. Penn, ~Reading, PA-- 5-6  
1887. 1890 -- Sep 06, dynamite explosion, No. Pacific Freight Yard, Spokane Falls, WA-- 15  
1888. 1890 -- Sep 19, three train collision, Shoemakersville, Berks County, PA -- 22  
1889. 1890 -- Nov 05, 8, schs. *Lillie Amoit & John D. Miner* collide, Menominee harb., MI-- 25  
1890. 1890 -- Nov 24, NY steam-yacht *F.L. Norton*, leaves New London for France, lost-- 10  
1891. 1890 -- Nov 27, steamer *T. P. Leathers* burns, Miss. River, Point Breeze, MS --17-19  
1892. 1890 -- Dec 29, Wounded Knee Massacre, U.S. 7<sup>th</sup> Cavalry, SD -- 350  
  
1893. 1891 -- typhoid fever, esp. Chicago/2K, NY/1926, Philadelphia/683, NJ/695, DC --5,840  
1891 -- Jan 5, Steel cable breaks, hoist car falls, Utica Gold Mine, Angels Camp, CA-- 9

<sup>64</sup> Technically, what became the flu epidemic of early 1890 began in late December 1889.

1894. 1891 -- Jan 27, "fire damp" gas explosion, Mammoth coal mine No.1, Mammoth, PA--≥109
1895. 1891 -- Jan-Feb?, Gloucester, MA Fishing Schooner *Veteran* lost, Georges trip -- 12
1896. 1891 -- Feb 04, Flood, Slope #10, Jeansville Coal Mine, near Hazleton, PA -- 17
1897. 1891 -- Feb 18-26, Heavy Rain, Flooding, Central Highlands, esp. Clifton AZ -- 18
1898. 1891 -- Feb 21, Ship *Elizabeth*, NYC to SF, Grounds, Tenn. Cove, Marin Co., CA--17-20
1899. 1891 --Feb 26, Gale, craft lost, lower James Ri. ~Warwick Ri. mouth, Newport News, VA-20-24
1900. 1891 -- Mar-May, influenza & pneumonia, esp. Chicago/6,800, NY/5,572 --12,472
1901. 1891 -- Mar 13, fire, Central Tennessee Insane Asylum, near Nashville, TN --10-11
1902. 1891 -- Mar 14, Mob Enters Jail, Kills Italian Prisoners, New Orleans, LA -- 11
1903. 1891 -- Mar 24, Shipwreck, Steamer British *Strathairly*, Chicamacomico, NC -- 19
1904. 1891 -- Apr 02, Violence, Deputies kill Strikers, Morewood Mine, Morewood, PA-- 11
- 1891 -- Apr 06, fire, 3 tenement/store houses, NY St., Rochester, Beaver Co., PA -- 9
1905. 1891 -- May 19, Dynamite Explosion, Construction Train, near Tarrytown, NY -- 13
1906. 1891 -- May 22, Mine Explosion, Pratt No. 1 Shaft Coal Mine, Pratt City, AL -- 11
- 1891 -- June 3, Boiler Explosion, Dusard Brothers' Saw Mill, near Fayetteville, IN-- 5
- 1891 -- June 19, Trains collide (open switch), ~Sauve plantation & New Orleans, LA-- 6
1907. 1891 -- June 24, Mine Fire, Gould & Curry Gold/Silver Mine, Virginia City, NV -- 11
- 1891 -- June 26, Thunder/wind storm, Patterson Coal bldg. collapse, Mt. Carmel, PA--6-7
1908. 1891 -- July 3, Freight and Passenger Trains Collide, Burn, at depot, Ravenna, OH-- 19
1909. 1891 -- July 4, Train cars go through fire-damaged trestle near Charleston, WV --14-18
1910. 1891 -- July 6, Tornado, West Baton Rouge/East Baton Rouge, LA -- 11
1911. 1891 -- July 12, Train Engine and train collide, scalding, near Aspen Junction, CO-- 10
1912. 1891 -- July 31, Train Wreck, near Louisville, KY -- 13
1913. 1891 -- Aug 6, Trains Collide, Fog, West Shore Railroad, near Syracuse, NY -- 11
1914. 1891 -- Aug 12, Storm, Barge *Republic* deck fails, Cold Spring Harbor, L.I., NY --13-16
1915. 1891 -- Aug 22, Building Collapse/Fire, Taylor Bldg., Park Place, New York, NY --60-61
1916. 1891 -- Aug 27, Train Derails off Boston's Bridge, near Statesville, NC -- 20
1917. 1891 -- Sep, Gale, Beverly, MA Fishing Sch. *Albert Woodbury* Lost ~Nova Scotia--11-12
1918. 1891 -- Sep, Portland ME Fishing Schooner *City Point* Lost, La Harve Banks trip --12-14
1919. 1891 -- Sep-Oct, Gloucester, MA Fishing Schooner *Percy* Lost, Georges Bank trip-- 12
1920. 1891 -- Sep 24, Fireworks Mortar Explodes, Feast of St. Rocco Party, Newark, NJ -- ≥13
1921. 1891 -- Oct, MA fishing schooner, *Hattie N. Reed*, Lost at Sea -- 15
- 1891 -- Oct 22, gale, fishing schooner *Red Wing* breaks in surf, ~Indian Riv. Inlet, DE-- 6
1922. 1891 -- Oct 29, stmr. *Oliver Beirne* Fire, MS Ri., Millikens Bend, ~Vicksburg MS--15-19
- 1891 -- Nov 3, men fall from haulage cage, Anaconda Copper Mine, near Butte, MT-- 9
1923. 1891 -- Nov 8, gas explosion, Susquehanna # 1 Coal Mine, Nanticoke, PA -- 12
- 1891 -- Dec 4, wall falls on workers, previously burned Shepard bldg., St. Paul, MN-- 9
- 1891 -- Dec 4, 12 barges sink, Hudson River, Croton Point near Haverstraw, NY<sup>65</sup>-- 2
1924. 1891 -- Dec 9, fires, Bamberger & Candy/Fireworks bldgs., Main St., Louisville, KY--12
1925. 1891 -- Dec 24, train wreck, NY Central and Hudson River RR, ~Hastings, NY -- 13
1926. 1892 -- typhoid fever, Washington, DC -- 183
1927. 1892 -- typhus fever, NYC, NY -- 200
1928. 1892 -- Jan 07, Osage Coal Mine No. 11, blasting explodes gas/dust, Krebs, OK-->75-100
1929. 1892 -- Jan 19, train hits Clover Fishing Club sleighing party, St Louis, MO -- ~10

<sup>65</sup> Noted because some papers across the country, including the *New York Times*, initially reported 20-30 deaths.

1930. 1892 -- Jan 21, Surgical Institute (hospital) fire, IL and GA streets, Indianapolis, IN-- 19  
 1931. 1892 -- Feb 02, SF, CA whaling bark *Tamerlane* strands on rocks, Puna Island, HI--18-19  
 1932. 1892 -- Feb 07, fire, Hotel Royal, Fortieth Street & Sixth Avenue, NYC, NY --28-30  
 1933. 1892 -- Feb 19-Mar 02~, gale, schnr. *Tecumseh* strands, Fenwick Isl. Shoals, MD --10-11  
 1892 -- Mar 01, passenger and “shop train” collide, workmen killed, Milwaukee, WI-- 7  
 1934. 1892 -- Mar 21, Lumber Co. mill No. 2 boiler explosion, East Jordan, MI -- 7-10  
 1935. 1892 -- Mar 31, tornadoes, Ottawa/Sumner/Sedgwick/Butler & other counties, KS-- 25  
 1936. 1892 -- Apr 19-May 10, Victoria schooner *Lottie* capsizes, west of Tillamook Bay, OR--31-32  
 1937. 1892 -- Apr 20, Lytle Coal Mine flooding, miners drown, near Minersville, PA -- 10  
 1938. 1892 -- Apr 27, fire, Gilmore’s Central Theater, Philadelphia, PA -- 14  
 1939. 1892 -- May 10, Roslyn Coal Mine No. 2 gas explosion, Roslyn, WA --all 45  
 1892 -- May 14, Anaconda Copper Mining Co., Anaconda Mine cave-in, Butte, MT-- 9  
 1940. 1892 -- May 18, Floyd River flood, Sioux City, IA -- 25  
 1941. 1892 -- May 20, passenger/freight trains collide, Crooked Bayou ~Goldman, AR -- 9-13  
 1942. 1892 -- May 27, tornado, Barber, Harper, and Sumner counties, KS -- 17  
 1943. 1892 -- May 31, tornado, Bell and Falls counties, TX -- 10  
 1944. 1892 -- June-July, heat-related deaths, Midwest, Northeast, esp. NYC, NY -- 151  
 1945. 1892 -- June 05, downpour/mill dam failure/flood/fuel fire, Titusville, Oil City, PA-126-132  
 1946. 1892 -- June 13, munitions explosion, USS *Boston* crew, Mare Island Navy Yard, CA--15  
 1947. 1892 -- June 15, bridge under construction over Licking Riv. collapses, Covington KY--27-31  
 1948. 1892 -- June 15, tornado outbreak, multiple counties, MN --40-50  
 1949. 1892 -- June 25, trains collide, Western Express, near Union Station, Harrisburg, PA-- 12  
 1950. 1892 -- July 06, violence, strikers & Pinkertons, Carnegie Steel, Homestead, PA -- 11  
 1951. 1892 -- July 12, storm, steamer *Frankie Folsom* capsizes, Illinois River, Peoria, IL-- 12  
 1952. 1892 -- July 14, “cyclone,” Springfield, OH -- 10  
 1953. 1892 -- July 23, York Farm Coal Mine gas explosion, Pottsville, Pennsylvania -- 15  
 1954. 1892 -- July 25, cloudburst, flash flooding, Wheeling and vicinity, WV --10-12  
 1892 -- Aug 17, schooner *Snowflake* reportedly capsized off LA coast below Houma<sup>66</sup>-15  
 1955. 1892 -- Aug 26, ship *William A. Campbell*, out of Port Townsend, WA sinks, storm-11-14  
 1956. 1892 -- Aug 30, freight *Western Reserve* sinks, storm off Sable Banks ~Deer Park MI--26  
 1957. 1892 -- Sep 08, laborer and passenger trains collide near Eckenrode Mills, PA -- 14  
 1958. 1892 -- Sep 21, express & freight trains collide, fire, Fort Wayne road, Shreve, OH-11-13  
 1959. 1892 -- Oct 4, Cleveland steam-barge *Nashua* sinks, Lake Huron gale, off Bayfield, Ont.--14  
 1960. 1892 -- Oct 06, LA CA whaling bark *Helen Mar* crushed by icebergs, Chukchi Sea, AK--27  
 1961. 1892 -- Oct 28, conflagration, Milwaukee, WI -- 10  
 1962. 1892 -- Oct 28, steamer *W.H. Gilcher* sinks, Lake Mich. storm, ~Manitou Isl. MI --17-21  
 1892 -- Dec, “small sailing vessel *Cornelius* went down off Cascade Head...,” OR<sup>67</sup>-- 50  
  
 1963. 1893 -- cerebrospinal meningitis epidemic, New York City, NY --469-489  
 1964. 1893 -- typhoid fever, Washington, DC -- 186

<sup>66</sup> Has no number in that this apparently did not happen -- have seen newspaper reports of the *Snowflake* capsizing on the way back from a pleasure trip to Grand Isle, as well as later reports that there was “no truth to the rumor.”

<sup>67</sup> Not a numbered item in that we have seen but one report of such a loss (Gibbs. *Disaster Log of Ships*. 1971, p.44). Have found no such reporting in our newspaper archives search, nor a broader Internet search, nor through the broad range of maritime sources we consult, e.g. the *Annual Report of the Operations of the United States Life-Saving Service for the Fiscal Year Ending June 30, 1893*. Thus, cannot confirm through at least a second source.

1965.	1893 -- Jan 10, Como Coal Mine explosion, King, CO	--	24
	1893 -- Jan 18, sleighing party hit by train at grade crossing, Lonsdale, RI	--	9
1966.	1893 -- Jan 21, express train collides into oil cars, fire/explosion, Wann, ~Alton, IL	--	33
1967.	1893 -- Jan 29, American bark <i>Cowlitz</i> left Port Gamble, WA for SF, never seen again	--	14
1968.	1893 -- Feb-Dec, Smallpox outbreak, Reading, Berks County, PA	--	18
1969.	1893 -- Feb 09, fire, Strafford County Workhouse, near Dover, NH	--	41
	1893 -- Feb 14, Chicago & Iowa coal mine explosion, Albia, IA	--	8
1970.	1893 -- Mar 03, tornadoes, Troup/Meriwether/Upson/Pike/Lamar counties, GA	--	14
1971.	1893 -- Mar 21, SF CS seal schooner <i>Helen Blum</i> last seen, Shumagin Isles. vic., AK	--	26
1972.	1893 -- Mar 23, tornadoes, Clarke/Desoto MS; Richland, LA; Shelby/Weakley, TN	--	16
1973.	1893 -- Apr 01, Neilson Coal Mine fire, Shamokin, PA	--	10
1974.	1893 -- Apr 11, tornado, Dent and Crawford counties, MO	--	12
1975.	1893 -- Apr 12, tornado, Tunica and Desoto counties, MS	--	13
1976.	1893 -- Apr 20, crib (tunnel construction) drownings disaster, Milwaukee, WI	--	15
	1893 -- Apr 21, mine fire and suffocations, Silver Bow No 2 Copper Mine, Butte, MT	--	9
1977.	1893 -- Apr 25, tornadoes, Cleveland, Grady, Logan, McClain, Payne counties, OK	--	37
1978.	1893 -- Apr 28, tornado, Eastland County, TX	--	23
1979.	1893 -- May, forest fire, lumber camp, near Cadillac, MI	--	10-12
1980.	1893 -- May 07, steamer <i>Ohio</i> steam flue bursts, Mississippi River ~Wolf Island, MS	--	13
1981.	1893 -- May 07, runaway train wreck (brake failure) near Lafayette, IN	--	10
1982.	1893 -- May 14, Red Jacket Shaft Copper Mine hoist cage disaster, Calumet, MI	--	10
1983.	1893 -- June-Sep, Yellow Fever, Flomaton, AL, FL, Brunswick, GA	--	61
1984.	1893 -- June 09, building collapse, Ford's Theater, Washington, DC	--	22
	1893 -- June 21, lightning strikes Ringling Brothers Circus tent, River Falls, WI	--	7
1985.	1893 -- June 21, tornado, Jefferson County, KS	--	11
1986.	1893 -- July 06, tornado, Cherokee/Buena Vista/Pocahontas/Calhoun counties IA	--	71
1987.	1893 -- July 10, fire, Columbia Exposition cold storage warehouse, Chicago, IL	--	17-19
1988.	1893 -- Aug, Gloucester, MA fishing schooner <i>Pioneer</i> lost, Georges Bank trip	--	12
	1893 -- Aug 03, steamer <i>Rachel</i> sinks, Lake George, ~Fourteen Mile Island Hotel, NY	--	9
1989.	1893 -- Aug 24, storm, schooner <i>Empire State</i> sinks off Barnegat, NY	--	10
1990.	1893 -- Aug 24, storm, tugboat <i>Panther</i> sinks, SE coast of Long Island, NY	--	17
1991.	1893 -- Aug 26, trains collide, Harlem Road, Berlin, NY	--	16
1992.	1893 -- Aug 27-29, hurricane, Sea Islands, SC-GA	--	1,000-2,500
1993.	1893 -- Aug 31, bridge fails, train wrecks, near Chester, MA	--	13
1994.	1893 -- Sep 07, trains collide, Fort Wayne Route, near Colehour, IL	--	12
1995.	1893 -- Sep 23, train wreck, Kingsbury, near Wabash, IN	--	10
1996.	1893 -- Sep 28, mine flooding, Mansfield Iron Mine, Crystal Falls, MI	--	28
1997.	1893 -- Oct 01-02, Hurricane Cheniere Caminanda, MS, AL, esp. LA	--	1,700-2,000
1998.	1893 -- Oct 3, schmr. <i>Mary Brown</i> leaves Sand Point, AK for SF CA; wreck found ~Kennedy Isl., BC	--	~14
1999.	1893 -- Oct 11-13, hurricane and remnants, esp. FL/3, GA, SC/22, NC/4, NY/4	--	28-33
2000.	1893 -- Oct 13, NY excursion train rear-ended by second train, depot, Jackson, MI	--	12-14
2001.	1893 -- Oct 13-14, Great Lakes storm, esp. <i>Dean Richmond</i> , <i>Wocoken</i> , others, lost	--	57-68
	-- 2 <i>Annie Sherwood</i> schooner Lake Superior		
	-- ?5 <i>Aunt Ruth</i> schooner Lake Huron (not certain loss)		
	-- 7-8 <i>C. B. Benson</i> schooner, Oct 13, Lake Erie, off Port Colborne, CAN		
	--15-23 <i>Dean Richmond</i> propeller freighter Lake Erie, off Dunkirk, NY		

	--	6	<i>Minnehaha</i>	schooner	Lake Michigan	
	--	6-7	<i>Riverside</i>	schooner	Lake Erie	
	--	1	<i>Volunteer</i>	schooner	Lake Huron	
	--	13-14	<i>Wocoken</i>	freighter	Lake Erie, off Dunkirk, NY	
	--	3	unnamed	small boat	Lake Erie, off Dunkirk, NY	
	--	4	Mainland NY			
2002.	<b>1893</b>	--	Oct 20, World's Fair excursion trains collide head-on, burn, ~Battle Creek MI			28
2003.	<b>1893</b>	--	Nov 7, fog/collision, freighter <i>Philadelphia</i> sinks, Lake Huron ~Pointe aux Barques, MI			24
2004.	1893	--	Dec 15, crane/span fall, bridge construction, Louisville, KY/Jeffersonville IN			--21
2005.	1893	--	Dec 15, schooner <i>Mascot</i> leaves SF, CA homeport, sealing trip, lost at sea			-- 17
2006.	<b>1893</b>	--	Dec-Jan 1894, influenza epidemic, NY			--2,200
2007.	<b>1894</b>	--	diphtheria, NY/6.6K, esp. NYC/2785, MA/1.5K, Chicago, 1.4K, Philly, NJ			--14,606
2008.	1894	--	polio epidemic, VE, especially Rutland & Wallingford			-- 18
2009.	1894	--	Jan-Dec 10 smallpox, Chicago, DC, IL, IN, MI (esp. Detroit), NY, PA, WI			--1397
2010.	1894	--	Jan 12~, gale, Gloucester, MA fishing schnrs. <i>Edwards, Flash, Henrietta</i> lost			--27
2011.	1894	--	Jan 15, trains collide, near Hoboken, NJ			--11-13
2012.	1894	--	Jan 20-June 16, scarlet fever outbreak, Brooklyn & New York City, NY			-- 123
2013.	1894	--	Feb 04-10, whooping cough outbreak, New York City, NY			-- 101
2014.	1894	--	Feb 13, roof collapse, Gaylord Coal Mine, Plymouth, PA			-- 13
2015.	1894	--	Mar 12-June~, Gloucester fishing schnr. <i>Ambrose H. Knight</i> lost, Iceland trip			--16
2016.	1894	--	Mar 18, tornadoes (2), Harrison and Nacogdoches counties, TX			--10-16
2017.	1894	--	Apr, Gloucester, MA fishing schooner <i>Martha and Susan</i> lost, Georges trip			-- 13
2018.	1894	--	Apr 07, fireworks factory explosion, Petersburg, VA			-- 10
2019.	1894	--	Apr 10, schooners <i>Albert W. Smith</i> and <i>Kate Markee</i> wrecked, NJ Coast			-- 16
2020.	<b>1894</b>	--	May 11, SF CA whaling bark <i>James Allen</i> hits rock/sinks, Amlia Island, AK			-- 25
2021.	1894	--	May 15-18, Great Lakes storm, esp. Lake Michigan, 23-28 ships founder			--27-35
	1894	--	May 24, labor battle, Washington Coal and Coke Co, Sickle Hollow, PA			-- 5
2022.	1894	--	June, labor violence, coal miners strike and violence, North AL			-- 10
2023.	<b>1894</b>	--	June 24, overloaded (NY excursionists) tug <i>James D. Nicol</i> , sinks, Sandy Hook, NJ			-- <u>35</u>
2024.	1894	--	June 27, windstorm, MN & SD			-- 10
2025.	<b>1894</b>	--	July 26-31, forest fires, 8 counties, esp. Phillips, Price County, north WI			-- <u>20</u>
2026.	1894	--	Aug 09, Chicago, Rock Isl. & Pacific train wreck on trestle, ~Lincoln, NE			-- 12
2027.	1894	--	Aug 24, Franklin Coal Mine fire and asphyxiations, Franklin, WA			-- 37
2028.	<b>1894</b>	--	Sep 01, wildfires, Hinckley; also Pokegama, Sandstone, MN; also WI/ <u>9</u>			--445->500
2029.	1894	--	Sep 21, tornadoes, IA, MN			-- 63
2030.	<b>1894</b>	--	~Sep 30, American ship <i>Ivanhoe</i> from Seattle lost in storm off Columbia Riv.?, WA			--23
2031.	<b>1894</b>	--	Oct 25, last comm. from WA seal schooner <i>George R. White</i> , Unalaska, AK			-- 15
	1894	--	Nov 28, Commencement Bay tsunami, Puyallup River Delta, Tacoma WA			-- 2
2032.	1894	--	Dec 24, fire, Chrisman Bros. Hall, Silver Lake, Lake County, OR			-- 43
2033.	<b>1894</b>	--	Dec 7-8, steamer <i>Keweenaw</i> lost in gale, Pacific, Cape Flattery WA vicinity			--29-31
2034.	<b>1894</b>	--	Dec 7-8, steamer <i>Montserrat</i> lost in gale, Pacific, Cape Flattery, WA vicinity			-- 29
2035.	<b>1895</b>	--	Jan 15, fire & dynamite/powder explosions, two warehouses, Butte, MT			--57-60
2036.	<b>1895</b>	--	Jan 21, steamer <i>Chicora</i> founders, Lake Mich. storm, off South Haven, MI			--24-26
2037.	1895	--	Jan, 26, storm, barges towed by <i>Sea King</i> founder off Pt. Judith, RI			-- 12

2038. 1895 -- Feb 1-June 21 smallpox outbreak, esp. Hot Springs AR, Chicago, Cincinnati--160
2039. 1895 -- Feb 09, Gloucester MA schooner *Clara F. Friend* strands, Eastern Head, N.S.--12
2040. 1895 -- Feb 27, mine explosion, White Ash Coal Mine near Los Cerrillos, NM -- 24
2041. 1895 -- Mar 08, fog, stmr. *Longfellow* hits C&O bridge pier/sinks, OH Riv., Cincinnati, OH--11-13
- 1895 -- Mar 09 or 10, fire, Old Abe Gold Mine, White Oaks, NM -- 5-9
2042. 1895 -- Mar 20, mine explos., Red Canyon Coal Mine, Red Canyon, ~Evanston, WY-- 60
2043. 1895 -- Apr, storm, Rappahannock River, Middlesex County, Burham's Wharf, VA-- 10
2044. 1895 -- Apr 08, mine explosion, Blue Canyon Coal Mine, Lake Whatcom, WA -- 23
2045. 1895 -- Apr 14, BC Can. sealing schnr. *Walter A Earle* capsizes, storm, off Cape St. Elias, AK--32
2046. 1895 -- Apr 24, SF CA seal/fishing schooner *C G White* grounds/storm, Trinity Isl. reefs, AK-11
2047. 1895 -- May 01, tornado, Halstead, KS -- 10
2048. 1895 -- May 03, tornados, Sioux, Lyon, Osceola, Madison counties, IA -- 10
2049. 1895 -- May 21, nitroglycerine explosions, California Powder Works, Pinole, CA --14-15
2050. 1895 -- May 27, storm, SF, CA ship *Colima* founders off Manzanilla, Mexico -- 153
2051. 1895 -- June, diphtheria, esp. Boston, Brooklyn, New York -- 99
2052. 1895 -- June 16-22, scarlet fever, Binghamton, NYC, Oneonta, Yonkers -- 17
2053. 1895 -- July 04-7, mid-west storms, flooding, AR, IA, IL, KS, MO, NE, TX, WI -- ~58
- 1895 -- July 26, hail storm, near Djuberg School, Barnes County, SD -- 1
2054. 1895 -- Aug 13, Ireland Building (under construction) collapse, New York, NY -- 16
2055. 1895 -- Mid-Aug-Oct 3, cholera epidemic, Honolulu, HI --63-65
2056. 1895 -- Aug 19, boiler explosion and fire, Gumry Hotel, Denver, CO -- 25
2057. 1895 -- Aug 29, mine flood, Sleepy Hollow Gold Mine, Sleepy Hollow, CO -- 12
2058. 1895 -- Sep 07, mine fire, Osceolo Copper Mine, Level 27, Calumet, MI -- 30
2059. 1895 -- Nov 06, *Evening Journal* building boiler explosion, Detroit, MI --37-40
2060. 1895 -- Nov 16, streetcar goes into Cuyahoga River, Cleveland, OH -- 17
2061. 1895 -- Nov 23-Dec, Gloucester fishing schooner *Falcon* lost, Georges Bank trip -- 11
2062. 1895 -- Dec 19, mine explosion, Cumnock Coal Mine, Cumnock, NC -- 39
2063. 1895 -- Dec 20, mine explosion, Nelson Coal Mine, Dayton, TN -- 30
2064. 1895 -- Dec 27, fire panic and trampling, Front St. Theater, Baltimore, MD -- 27
2065. 1895 -- Dec 31, fire, Delavan House, Albany NY -- 16
2066. 1896 -- measles, esp. NYC/714, Brooklyn/333, Philadelphia/191, Cincinnati/100, CT-3,178
2067. 1896 -- smallpox, esp. New Orleans/238, Shreveport LA/11, Detroit/11, Dayton (8)-- 279
2068. 1896 -- Feb 6, train bridge failure (repairmen die), Pequabuck River, East Bristol, CT--11
2069. 1896 -- Feb 18, coal mine explosion, Vulcan Coal Mine, New Castle, CO -- 49
2070. 1896 -- Mar 08, Seattle schooner *Lincoln* departs for Kodiak, lost, storm, Pacific --25-43
2071. 1896 -- Mar 23, coal mine explosion, Berwind Coal Mine, DuBois, PA -- 13
2072. 1896 -- Apr 25, SF seal schooner *Edward E Webster* departs Kodiak, lost, snow squall, AK--29
2073. 1896 -- May 10, boiler explosion, *Harry Brown*, Miss. River ~Ursina Landing, MS-- 10
2074. 1896 -- May 15, tornado, Sherman (Denton and Grayson counties), TX -- 73
2075. 1896 -- May 17, tornado, Palmer, KS to Falls City, NB -- 25
2076. 1896 -- May 24, tornado, Des Moines, Valeria, IA -- 21
2077. 1896 -- May 25, tornadoes, IL, MI -- 47
2078. 1896 -- May 27, tornadoes, St. Louis, MO/137 and East St. Louis, IL/169 -- 306
2079. 1896 -- June 28, mine flood/roof collapse, Twin Shaft Coal Mine, Pittston, PA -- 58
2080. 1896 -- July 11, trains collide head-on, Chicago & Northwestern RR, Logan, IA -- 30

2081.	1896 -- July 24, flash floods, Mt Vernon, Bear and Clear Creek Canyons, CO	--29-30
2082.	1896 -- July 30, two-train collision, Atlantic City, NJ	-- 50
2083.	1896 -- Aug 1-14~, heat, esp., NY/891, IL/277, PA/226, NJ/168, MO/81, WI/77	--2,038
2084.	1896 -- Sep 01, powder explosion, Hercules Powder Works, Pinole, CA	-- 12
2085.	1896 -- Sep 05, fire, Yore's Opera House, Benton Harbor, MI	-- 12
2086.	1896 -- Sep 28-30, hurricane, FL/~100 GA/38 SC/30 NC/1 VA/13 MD/8 PA/6 DC/3---199	
2087.	1896 -- Oct 14, NY fishing smack <i>W.W. Story</i> last seen off Absecon, NJ	-- 11
2088.	1896 -- Oct 20, steamer <i>Arago</i> snags on jetty, sinks, mouth of Coos Bay, OR	-- 13
	1896 -- Dec 26, Oswald coal mine explosion, Princeton, IN	-- 7
2089.	1897 -- typhoid (enteric) fever, esp. NY/1.5K, OH/1.2K, MA/1.1K, IN/655, PA	-->9,192
	1897 -- Mar 04, natural gas explosion, Tremont and Boylston Sts. Boston, MA	-- 6
2090.	1897 -- Mar 04, Kansas & Texas No. 44 Coal Mine explosion, Huntington, AR	-- 14
	1897 -- Mar 22, tornado, school, Arlington, GA <sup>68</sup>	-- 8
2091.	1897 -- Mar 30, tornado, Lincoln County, OK	-- 14
2092.	1897 -- Apr 28, flash flood, Cottonwood River, Guthrie and vicinity, OK	--28-50
	1897 -- May 27, trains collide, American Falls station, ID	-- 9
2093.	1897 -- July 01-11, heat, esp. upper midwest/NE, esp. Chicago/Cincinnati/St. Louis--608-616	
	1897 -- July 04, drownings in Lake Michigan during heat wave, Chicago area, IL	-- 8
2094.	1897 -- July 06, wheat thrashing machine boiler explosion, Hartsville area, TN	-- 9-12
2095.	1897 -- Aug 12, whaler <i>Navarch</i> caught in ice, abandoned off Blossom Shoals, AK	--13-16
2096.	1897 -- Sep-Dec, yellow fever, esp. Mobile/48, New Orleans/298, MS, Memphis TN-~520	
2097.	1897 -- Sep 03, Sunshine Coal Mine explosion, Sunshine, CO	-- 12
2098.	1897 -- Sep 08, hurricane, North-Central Atlantic	-- 45
2099.	1897 -- Sep 08, trains collide, Fire, Santa Fe Railroad, near Emporia, KS	-- 30
2100.	1897 -- Sep 10, government use of force, deputies shoot striking miners, Lattimer, PA--	19
2101.	1897 -- Sep 10, trains collide, fire, near Newcastle, CO	-- 30
	1897 -- Sep 12, train truck breaks, train derails, Iron Mt. Road, Hanson (I.T.), OK <sup>69</sup> --	7
2102.	1897 -- Sep 13, hurricane, SE TX, especially Port Arthur and Sabine Pass, TX	--10-13
2103.	1897 -- Oct 24, train wreck, NY Central & Hudson River Railroad, <b>Garrison</b> , NY	-- 21
2104.	1897 -- Nov 05, NY freighter <i>Idaho</i> sinks, Lake Erie storm, off Long Point, Ontario--	19
2105.	1897 -- Nov 25, Provincetown, MA schnr. <i>Susan R. Stone</i> sails for West. Bank, lost--	19
2106.	1898 -- smallpox epidemic, Moqui Indian Tribe, AZ	-- 220
2107.	1898 -- typhoid, esp. June-Dec, Spanish War Army camps and civilians, esp. Philly->4,627	
2108.	1898 -- Jan 11, tornado, Sebastian and Crawford counties, Fort Smith, AR	-- 55
2109.	1898 -- Jan 31-Feb 01, storm, maritime fatalities, MA coast, esp. Gloucester area	--17-35
2110.	1898 -- Feb 05, storm, Seattle schnr. <i>Clara Nevada</i> grounds/sinks ~Eldred Rock, AK--82-104	
2111.	1898 -- Feb 09, fire & explosions, Chautauqua Lake Ice Co. bldg., Pittsburgh, PA	--14-20
2112.	1898 -- Feb 15, <i>USS Maine</i> magazine explosion, Havana Harbor, Cuba	--263-268
2113.	1898 -- Feb 16-17, wildfires, SC	-- 14
2114.	1898 -- Feb 26, fire and explosions, walls fall, Hall Brothers Chem., Kalamazoo, MI--	10
2115.	1898 -- Mar 13, fire, Bowery Mission and Young Men's Home, NYC, NY	-- 11

<sup>68</sup> Included in that the top-ten list of fatalities at schools hit by tornadoes includes just seven events wherein there were ten or more fatalities.

<sup>69</sup> Sources consulted note that it was thought that two injured would also die, but we have not been able to verify.



2116. 1898 -- Mar 16, fire/explos., Ayer Bldg. (manufacturing), Wabash Ave., Chicago, IL-- 16  
2117. 1898 -- Mar 20/21, bark *Helen W. Almy* capsizes in gale near Point Bonita, CA --40-41  
2118. 1898 -- Mar 22-26, flooding, IN, OH, PA; also IL, MO, WV --18-23  
2119. 1898 -- Apr 03, levee fails, flash flood, Shawneetown, IL --25-33  
2120. 1898 -- Apr 03, avalanche (Palm Sunday) outbreak, Chilkoot Trail, Skagway, AK -- 73  
2121. 1898 -- Apr 26, California Powder Works explosions, near Santa Cruz, CA --11-13  
2122. 1898 -- May 05-11, flooding, esp. Grand, Verdigris, Ark., Canadian Rivers, AR, OK-- ≥10  
2123. 1898 -- May 18, tornadoes, IA, IL, WI -- 55  
2124. 1898 -- May 22, Seattle schooner *Jane Grey*, leaks, sinks, west of Cape Flattery, WA-- 34  
2125. 1898 -- June 28, storm, steamer *Jessie* swamped, Kuskokwim River mouth, AK -- 18  
2126. 1898 -- July 04, tornado/squall, Hampton Beach, NH -- 9-12  
2127. 1898 -- July 08, cloudburst, flash flood, Steelville and vicinity, MO -- 19  
2128. 1898 -- July 11, gas explosion, Lake Erie Water Works tunnel, near Cleveland, OH-- 11  
2129. 1898 -- Aug 02, hurricane, tugboat *Nimrod* capsizes, crew lost, off Cape San Blas, FL--12  
2130. 1898 -- Aug 09-15, heatwave Manhattan and Bronx NY -- 671  
2131. 1898 -- Aug 22, Carnegie Tunnel wall collapses burying workmen, ~Pittsburg, PA -- 8-10  
2132. 1898 -- Aug 23-Nov 18, yellow fever, LA, especially New Orleans (57); MS (80) --175  
2133. 1898 -- Sep 01-7, heatwave, esp. NYC (196-304), NJ (40) and Philadelphia (30) --287-407  
2134. 1898 -- Sep 05, Troy City rail car/D&H train collide, Cohoes Crossing, Albany NY-- 18  
2135. 1898 -- Sep 20, grain dust explosion and fire, Union grain elevator, Toledo, OH --14-15  
2136. 1898 -- Oct 2, hurricane, FL/2, GA/247-258, SC/6-9 (loss frequently noted as 179)--255-269  
2137. 1898 -- Oct 12, labor violence, coal miners and mine guards shootout, Virden, IL --12-13  
2138. 1898 -- Oct 25, storm, steamship *L.R. Doty* sinks, Lake Mich., north of Milwaukee, WI-17  
2139. 1898 -- Nov 05, building collapse, Wonderland Theater, Detroit, MI -- 15  
1898 -- Nov 05, coal cars crash, Exeter shaft, onto haulage cage, West Pittston, PA-- 9  
2140. 1898 -- Nov 10, White racial riot & political violence (coup d'état), Wilmington, NC --22-26  
2141. 1898 -- Nov 17, UK clipper *Atalanta* grounds, reef near Seal Rocks north of Alsea, OR-23  
2142. 1898 -- Nov 18, PA train runs-down workmen, fog, Hackensack Meadows, NJ --11-12  
2143. 1898 -- Nov 26-27, Portland Gale, NY & MA maritime, esp. *SS Portland*, MA -- ~300  
--127-176 side-wheel steamer, *SS Portland*, off Cape Cod.  
-- 15 *F. R. Walker*, fishing schooner, off Cape Cod.  
-- 16 Steamer *Pentagoet*, off Cape Cod.
2144. 1899 -- typhoid fever epidemics/outbreaks, Greensboro, NC; PA, esp. Philadelphia --1,026  
2145. 1899 -- Jan 09, trains collide, Lehigh Valley Railroad near West Dunellen, NJ -- 17  
2146. 1899 -- Jan 14/15, sailing ship *Andelana* sinks while moored at Tacoma, WA --17-20  
2147. 1899 -- Feb 12, avalanche, Silver Plume, CO -- 10  
2148. 1899 -- Feb 12, State Insane Asylum fire, near Yankton, SD -- 17  
2149. 1899 -- Feb 14~, Gloucester MA schooner *A.M. Burnham* lost on Brown's Bank -- 12  
2150. 1899 -- Mar 07, steamer *James Bowen* founders off Hog Island, VA -- 10  
2151. 1899 -- Mar 17, Windsor Hotel fire, Fifth Avenue, New York, NY -- 45  
2152. 1899 -- Mar 18, tornadoes (3), AL -- 16  
2153. 1899 -- Apr 04, steamer *Chilkat* capsizes, Humboldt Bay Bar, CA -- 10  
2154. 1899 -- Apr 08, flash flooding, Yellowstone River, esp. below Glendive, MT -- 12  
2155. 1899 -- Apr 22, lifeboat from foundered stmr. *General Whitney* capsizes ~Cape Canaveral, FL-12  
2156. 1899 -- Apr 27, tornado, Kirksville and Newtown, MO -- 63

2157. 1899 -- May, flood, Brazos River, Central and East TX -- 40  
 2158. 1899 -- May 12, trains collide, Philadelphia & Reading Railroad, Exeter, PA -- 29  
 2159. 1899 -- June 12, tornado, New Richmond, St. Croix County, & Polk County WI -- 119  
 2160. 1899 -- June 13, tornado, Washington County, NE -- 11  
 2161. 1899 -- June 17-July 6, Central/So. Central TX rain/flooding, esp. Brazos Riv., TX--100-284  
 2162. 1899 -- July-Dec, yellow fever, esp. Key West/68 Miami/14; New Orleans/23; MS, VA-- 126  
 2163. 1899 -- Aug 6, gangplank fails, drownings, Mount Desert Ferry ~Bar Harbor, ME -- 20  
 2164. 1899 -- Aug 6, train derailment, Peck's Mill Pond, Oronoque near Bridgeport, CT -- 36  
 2165. 1899 -- Aug 8-19, San Ciriaco Hurricane, esp. Puerto Rico/3433 & NC/73, Aug 17/18-3,507  
 2166. 1899 -- Oct 30, steamer *George L. Colwell* founders in gale off coast of SC -- 12  
 2167. 1899 -- Dec 11-Mar 31, 1900, bubonic (black) plague (Asian ship), Honolulu, HI -- 61  
 2168. 1899 -- Dec 05, freighter *Niagara* sinks in Lake Erie storm, off Long Point, Ontario-- 12  
 2169. 1899 -- Dec 09, Carbon Hill No. 7 coal mine explosion,, Carbonado, WA -- 31  
 2170. 1899 -- Dec 23, Braznell Coal Mine explosion, Sumner Mine, Redstone Twp., PA -- 19  
 2171. 1899 -- Dec 24, British freighter *Ariosto* strands, lifeboat drownings, Ocracoke, NC-- 21  
 2172. 1900-04 -- bubonic plague epidemic, greater San Francisco, CA -- 113

#### U.S. Census Year (June 1, 1899-May 31, 1900) Disease Data:

2173. 1899-1900, croup (airway viral infection), esp. PA/1064, TN/958, KY/768, GA/686 --12,484  
 2174. 1899-1900, diphtheria, esp. PA/2805, NY/2673, IL/1504, MA/1072, OH/698, NJ --16,475  
 2175. 1899-1900, dysentery, esp. AL/861 TX/794 GA/781 NY/676 TN/663 SC/578 AR --11,710  
 2176. 1899-1900, influenza, esp. MA/1130, TN/1019, PA/978, NC/799, AL/778, VA/754, GA-16,645  
 2177. 1899-1900, malarial fever, esp. AR/1730, TX/1331, LA/1030, AL/1005, GA/1K --14,874  
 2178. 1899-1900, measles, esp. TX/1.4K AR/1.2K NY/1.1K MS/950, PA/815 & TN/974-12,866  
 2179. 1899-1900, meningitis, esp. NY/2.6K, PA/1.6K, IL/1.3K, MA/1.2K, OH/1189, NJ --19,423  
 2180. 1899-1900, scarlet fever, esp. PA/894, NY/812, TX/707, IL/643 MA/384 OH/334 --6,333  
 2181. 1899-1900, smallpox, esp. MS/782, LA/708, NM/287, VA/263, AL/224, AR/195, TX--8,484  
 2182. 1899-1900, tuberculosis, esp. NY/14.1K, PA/7.7K, IL/6.7K, OH/5.7K --109,750  
 2183. 1899-1900, typhoid, esp. PA/2.8K, TX/2K, AL/GA/KY/MO/NY/OH/TN~1,7K --35,379  
 2184. 1899-1900, whooping cough, NY/988, PA/702, TX/576, IL/497, AL/494, TN/425 --9,958

#### Calendar Year Chronology continued:

- 1900 -- bubonic plague, Hawaii (see Nov 1899, when plague started).  
 2185. 1900 -- Mar 06, Red Ash Coal Mine explosion, Red Ash, WV -- 46  
 2186. 1900 -- Mar 12, Arson Fire (alleged) , Italian Tenement Building, Newark, NJ -- 16  
 2187. 1900 -- Apr 07, heavy rain, Austin (McDonald) Dam Failure/Flooding, Austin, TX -- ≥24  
 2188. 1900 -- May 01, powder/dust explosions, Winter Quarters 1 & 4 coal mine, Scofield, UT-- ~231  
 2189. 1900-04 --May 1900-Feb 1904, bubonic plague, San Francisco, CA --112-113  
 2190. 1900 -- May 23, gas explosion, Cumnock Coal Mine, Cumnock, Chatham Co., NC -- 23  
 2191. 1900 -- June-Dec, measles/flu epidemics, Native Alaskans, esp. western AK ---~2000-2500  
 2192. 1900 -- June 15, Tenement Fire, 34 Jackson Street, NYC, NY -- 11  
 2193. 1900 -- June 23, Cloudburst, Track Washout, Train Wreck, near McDonough GA -- 37  
 2194. 1900 -- June 26, Trains Collide, near De Pere, WI -- 11  
 2195. 1900 -- June 30, North German Lloyd Line Fire, Piers & Ships, Hoboken, NJ --325-400  
 -- 9 *Bremen* (crew). Hoboken Historical Museum.

- 0 *Kaiser Wilhelm der Grosse*. Hoboken Historical Museum.
- 44 *Main*. Hoboken Historical Museum. CD-ROM: The 1900 Hoboken Pier Fire.
- 99 *Saale*. Eastlake, Russell, Sharpe. *World Disasters*. "Saale, New York." 2001, p. 30.
- 173 "...on the piers." Hoboken Historical Museum.
2196. 1900 -- July-Aug (esp.) Heat, esp. NY/361, NJ/119, Chicago/102, St. Louis/90, PA/90-1,266
2197. 1900 -- July 03, Arson fire (alleged), tenement, Adams and First Sts., Hoboken, NJ --13-14
2198. 1900 -- July 04, fireworks explosion (children), Eighth Street, Philadelphia, PA -- 7-10
2199. 1900 -- July 04, trolley car derails, Tacoma, WA -- 43
2200. 1900 -- July 24-27, anti-black riots (re. Robert Charles shootings), New Orleans, LA<sup>70</sup> ~12
2201. 1900 -- Aug 02-03, storm, steamers *Merwin*, *Resolute* and *Dollar* "wreck," AK -- 15
2202. 1900 -- Aug 07, storm, maritime losses, Nome and vicinity, AK -- 38
- 1900 -- Aug 11, Lituya Bay tsunami, AK -- 5
2203. 1900 -- Aug 12, train hits horse-drawn coach at grade crossing near Slatington, PA --13-15
2204. 1900 -- Aug 12, thunderstorm, lightning strikes, small crafts capsize, NYC vicinity -- 8-14
2205. 1900 -- Sep 02, milk and excursion trains collide, Reading Railroad, Hatfield, PA -- 13
2206. 1900 -- Sep 08, hurricane, Galveston and southeast coast of TX --7,200-12,000
2207. 1900 -- Sep 12, freighter *John B. Lyon* sinks, Lake Erie storm, off Ashtabula, OH -- 11
2208. 1900 -- Sep 12-13, southeaster gale, off-shore Natives in boats, inshore, Nome, AK-- >100
2209. 1900 -- Sep 14, Gloucester, MA fishing schooner *Sigfrid* sails for Quero Bank, lost -- 13
2210. 1900 -- Oct 06, tornado, St. Louis County, MN -- 10
2211. 1900 -- Oct 29, fire and explosions, Tarrant & Co. Drug Warehouse, NYC, NY --≥7->10
2212. 1900 -- Nov 02, explosion, Southern Coal & Trans. Co. coal mine, Berryburg, WV -- 15
2213. 1900 -- Nov 20, tornado outbreak, MS,TN -- 69
2214. 1900 -- Nov 29, roof collapse, San Francisco Pacific Glass Works, San Francisco CA-- 20
2215. 1901 -- smallpox, esp. NY/436 (Bronx/312), PA/202 (Philly/178), NJ/139 (Newark/71)--1,085
2216. 1901 -- Jan 01-12, grip (influenza) epidemic, St. Louis, MO -- 54
2217. 1901 -- Jan 08, fire and boiler explosion, orphan asylum, Rochester, NY -- 31
2218. 1901 -- Jan 22, Gloucester, MA schooner *Commonwealth* sails for Georges, lost -- 14
2219. 1901 -- Feb 21, "Nellie Bly" train collision/fire, Rusling's Siding, ~Bordentown, NJ-- 17
2220. 1901 -- Feb 22, *City of Rio de Janeiro* grounds/sinks in fog, Fort Point, SF Bay CA--127-131
2221. 1901 -- Feb 25, coal mine fire, Diamondville No. 1, Diamondville, WY -- 26
2222. 1901 -- Mar 09, tornado outbreak (5), AR, TX -- 14
2223. 1901 -- Mar 11, boiler explosion, Doremus Laundry, 458 W. Madison, Chicago, IL-- ~10
2224. 1901 -- Mar 25, tornado, Jefferson Co. (Birmingham/Avondale/Irondale), AL --16-25
- 1901 -- May 03, the Great Jacksonville Fire (conflagration), Jacksonville, FL -- ≥7
2225. 1901 -- May 12, *City of Paducah* snags/sinks, MS River, ~Brunkhorst Landing, IL- 6-≤10
2226. 1901 -- May 15, explosion, George's Creek Coal, Chatham Mine, Farmington, WV-- 10
2227. 1901 -- May 24, Lake Huron storm, steamer *Baltimore* sinks off Au Sable Pt., MI --12-13
2228. 1901 -- May 27, dust explosion, New Richland Coal Mine, Dayton, TN --20-21
2229. 1901 -- June-July, heat waves, except Pacific NW, esp. Northeast, June 27-July 6 --4,012
- 1901 -- June 04, dynamite explosion, Chapin Iron Mine, Iron Mountain, MI -- 8
2230. 1901 -- June 10, mine explosion, Port Royal No. 2 Coal Mine, Port Royal, PA -- 19
2231. 1901 -- June 21, fireworks explosion/fire, confectionery, Main Street, Paterson, NJ-- 17
2232. 1901 -- June 21, tornado, Boyd County, NE -- 10

<sup>70</sup> This is an estimate of blacks killed by mobs, and does not include the 7 Robert Charles-related deaths, nor his.

2233. 1901 -- June 23, flooding, Elkhorn River, Pocahontas Region, Burke, Keystone WV--200  
2234. 1901 -- June 26, trestle fails under train, weakened by recent rain, near Peru, IN -- 16  
2235. 1901 -- June 30, drownings, NYC area (East, Harlem, Hudson, No. rivers) Rockaway--10  
2236. 1901 -- July 01, lightning, boys seeking shelter, Montrose Blvd. pier, Lake View, IL-- 11  
2237. 1901 -- July 04, strike riot, dynamite explosion, Smuggler Mine, Telluride, CO -- 15  
2238. 1901 -- July 10, trains collide head-on, Chicago & Alton Road, near Norton, MO --21-23  
2239. 1901 -- July 11, Nickel Plate Road bridge collapse, train crash, Springfield, PA -- 11  
1901 -- Aug 05, gasoline container explosion, grocery store cellar, Philadelphia PA-- 8  
2240. 1901 -- Aug 13-16, hurricane, FL, AL, LA, MS -- 10  
2241. 1901 -- Aug 14, waterworks crib fire, two miles off Cleveland Harbor, OH --12-13  
2242. 1901 -- Aug 15, Can. steamer *Islander* hits iceberg/sinks off Douglas Isl. ~Juneau, AK--42-53  
2243. 1901 -- Aug 18, blast furnace explosion, National Steel Co., Youngstown, OH -- 9-11  
2244. 1901 -- Aug 19, windstorm, steamer *City of Golconda* turtles, OH Riv. ~Paducah, KY--15-22  
2245. 1901 -- Aug 19, fire, dynamite explosion, M. & M. Roundhouse, ~Herkimer, NY -- 6-13  
2246. 1901 -- Aug 28, *City of Trenton* boiler explodes, Delaware Riv., ~Torresdale, PA --26-28  
2247. 1901 -- Aug 29, train derails, Sodus Bay Division, near Newark, NY --14-15  
2248. 1901 -- Aug 30, runaway freight cars collide with train, fire ~Nyack station, MT --36-41  
2249. 1901 -- Sep 16, Gloucester, MA schooner *Lolanthe* departs for cod fishing trip, lost-- 14  
2250. 1901 -- Sep 16, steamer *Hudson* sinks, Lake Superior gale 8m off Eagle River, MI --24-25  
2251. 1901 -- Sep 25, cloudburst, flash flood, prospectors drown, Presidio County, TX -- 13  
2252. 1901 -- Oct 19-Nov 7, tetanus tainted (horse blood) diphtheria antitoxin, St Louis MO-- 13  
2253. 1901 -- Oct 25, fire, Hunt/Wilkinson Co. furniture warehouse, Philadelphia, PA --21-25  
2254. 1901 -- Oct 26, mine explosion, Diamondville Coal Mine, Diamondville, WY -- 22  
2255. 1901 -- Oct 27, race riot, Balltown, Washington Parish, LA -- 9-18  
1901 -- Nov, tetanus-tainted smallpox vaccination deaths, Camden, NJ -- 9  
2256. 1901 -- Nov 6, fire, Klondike Theater/Dance Hall, Hurley, WI -- 10  
2257. 1901 -- Nov 14 & 22, fire, Baby and West Mines, Pocahontas Coal, Pocahontas, VA-- 17  
2258. 1901 -- Nov 20, Smuggler-Union Gold Mine suffocation, Pandora, CO -- 28  
2259. 1901 -- Nov 26, boiler explosion and fire, Penberthy Injector Co., Detroit, MI --29-30  
2260. 1901 -- Nov 27, passenger trains collide head-on, one burns, Wabash RR ~Seneca, MI--23-100  
2261. 1901 -- Dec 2, steamer *Matteawan* leaves Nanaimo, BC for San Fran., CA, lost in gale--33  
2262. 1901 -- Dec 19, blast furnace gas explosion, Jones & Laughlin Co., Pittsburgh PA --10-15
2263. 1902 -- smallpox, esp. NJ/432, NYC/310, MA/283, Cleveland/233, Philly PA/231 --2,111  
2264. 1902 -- Jan 02, steamer *Walla Walla* hit by bark *Max* 9m off Cape Mendocino, CA--36-43  
2265. 1902 -- Jan 07, copper mine cave-in, Negaunee, MI --10-15  
2266. 1902 -- Jan 08, trains collide, "New Rochelle Car," Park Avenue Tunnel, NYC -- 17  
2267. 1902 -- Jan 13, Milby & Dow Coal Mine fire, Dow, OK -- 10  
2268. 1902 -- Jan 24, coal mine explosion, Lost Creek Mining Co. No. 2, Oskaloosa, IA -- 22  
2269. 1902 -- Jan 25, Gloucester, MA fishing schooner *Alva* sails for Georges Bank, lost-- 17  
2270. 1902 -- Jan 29, Italian tenement fire, Fleet Street, North End, Boston, MA --10-11  
2271. 1902 -- Feb 02, *Belle of Oregon*, *Antelope*, *Mystic Bell* lost, near Fire Island, NY -- 13  
2272. 1902 -- Feb 05, gas explos./fire, Trostle Butcher Shop, Archer & 22<sup>nd</sup>, Chicago, IL--11-13  
2273. 1902 -- Feb 09, fire, Empire Hotel lodging house, Olive Street, St. Louis, MO -- 11  
2274. 1902 -- Feb 22, fire, Park Avenue Hotel, New York City, NY -- 20  
2275. 1902 -- Feb 28, snowslide, Liberty Bell Mine, Near Telluride, CO -- 19

2276. 1902 -- Mar 07, passenger train derails (broken rail), burns, ~Maxon Station, TX -- 15
2277. 1902 -- Mar 12, storm, steamer *Providence* grounds, Davis Bend, LA -- 19
2278. 1902 -- Mar 17, Monomoy Station lifeboat capsizes off Chatham, MA -- 12
2279. 1902 -- Mar 26-30, storm, flooding, AL, KY, MS, especially TN --38-41
2280. 1902 -- Mar 31, explosion, Nelson Coal Mine, Dayton Coal/Iron Co., Dayton, TN -- 22
2281. 1902 -- Apr 20, steamer *City of Pittsburg* fire, Ohio River ~Ogden's Landing, KY -- ~64
2282. 1902 -- Apr 30, false-alarm fire panic, Harburger, Homan Cigar Factory, Philly, PA--8-10
2283. 1902 -- May 05, cloudburst, flash flood, Foss, OK -- 9-12
2284. 1902 -- May 12, explosion, freight train oil and naphtha Cars, Sheraden, PA --20-29
2285. 1902 -- May 18, TX tornado outbreak, esp. Goliad, TX -- 118
2286. 1902 -- May 19, Fraterville Coal Mine explosion, Coal Creek, TN --184-227
2287. 1902 -- June-Aug (especially July ) heat, especially NY/46, Pittsburgh/18, MA/12 -- 290
2288. 1902 -- June 09, fire, St. Luke's Society Sanitarium, Wabash / 21<sup>st</sup>, Chicago, IL --12-13
2289. 1902 -- July 04, trolleys collide, Mountain Lake RR, Bleecker Mt. ~Gloversville, NY-13-14
2290. 1902 -- July 10, mine explosion, Rolling Mill Coal Mine, Johnstown, PA -- 113
2291. 1902 -- July 15, Daly-West lead/silver mine explosion/asphyxiations, Park City, UT-- 34
2292. 1902 -- July 17, sudden squall, excursion party boat capsizes near Appledore Is. ME-- 14
2293. 1902 -- July 20, severe thunderstorm, ~1:30-1:45 pm, Baltimore & vicinity, MD --12-13
2294. 1902 -- Aug 06, work and freight trains collide head-on, near Rhodes, IA -- 13
2295. 1902 -- Aug 07, mine explosion, Bowen Coal Mine, Bowen, CO -- 13
2296. 1902 -- Aug 20, explosion, wood digesters, Delaware Pulp Mills, Wilmington, DE-- 17
- 1902 -- Aug 24, residential house fire kills children, Portland, ME -- 5
2297. 1902 -- Sep 01, excursion train derailment, Southern Railway, near Berry, AL -- 30
2298. 1902 -- Sep 09-15, forest fires, NW OR and esp. Clark/Cowlitz counties, SW WA --58-65
2299. 1902 -- Sep 15, gas explos., Algoma Coal & Coke Mine, Algoma, McDowell Co. WV-17
2300. 1902 -- Sep 20, Shiloh Church stampede, Birmingham, AL -- 115
2301. 1902 -- Oct 01, Lawson Coal Mine explosion, McKay, King County, WA -- 11
2302. 1902 -- Oct 13, storm, *C.B. Lockwood*, lifeboat lost, Lake Erie, off Fairport Harbor, OH-- 10
2303. 1902 -- Oct 21, fire/glucose tank explosion, Glucose Sugar Refinery, Chicago, IL --11-12
2304. 1902 -- Nov 04, explosion of fireworks, Madison Square, NY, NY -- 15
2305. 1902 -- Nov 23, MI freighter *Silvanus J. Macy* sinks, Lake Erie storm, off Port Burwell, Ont.--13-14
2306. 1902 -- Nov 29, boiler explosion, Swift & Co. Power Plant, Chicago, IL --13-15
2307. 1902 -- Dec 03, fuel tank explosion, ship *Progreso*, Fulton Shipyard, SF, CA -- 12
2308. 1902 -- Dec 04, fire, Lincoln Hotel, Madison Street, Chicago, IL -- 14
2309. 1902 -- Dec 05, schooner *Wesley M. Oler* founders off Hatteras Inlet, NC -- 10
2310. 1902 -- Dec 17, schooners *Louise B. Crary*/*Frank A. Palmer* collide, Gloucester MA-- 11
2311. 1902 -- Dec 17, last sighting, Gloucester fishing schooner *Annie Wesley* ~Sable Isl.-- 14
2312. 1902 -- Dec 20, train collision, Stockton Flyer and LA Owl, Bryon Springs, CA -- 20
2313. 1902 -- Dec 21, last sighting of American ship *Florence*, Tacoma, WA for Honolulu--~15
2314. 1903 -- smallpox, especially PA/747, IN/195, IL/135, OH/134, Rochester NY/24 --1,457
2315. 1903 -- Jan 2, bark *Prince Arthur* grounds/breaks on rocks 12m so. of Ozette Riv., WA-- 18
- 1903 -- Jan 07, trains collide, Cochrane station, PA -- 8
2316. 1903 -- Jan 20, trains collide, Great Northern RR, ~Chiwaukum, Chelan Co., WA -- ≥12
2317. 1903 -- Jan 27, trains collide/burn, NJ Central RR, ~Graceland and Plainfield, NJ --23-24
2318. 1903 -- Jan 28, trains collide/burn, Southern Pacific, Esmond, near Tucson, AZ -- ≥14

2319. 1903 -- Feb 17, steamer *Olive* sunk, tornado, Chowan River, Woodley's Pier, NC --14-18
2320. 1903 -- Feb 19, trolley car with HS students/train collide at crossing, Newark, NJ -- 9-10  
1903 -- Feb 20, fire, Clifton Hotel, Cedar Rapids, IA -- 6
2321. 1903 -- Mar 07, ferryboat capsizes, Hudson River, Spier Falls ~Glens Falls, NY --17-19
2322. 1903 -- Mar 09, train wreck/fire, delayed oil/gasoline tanker explosion, Olean, NY-- 17  
1903 -- Mar 31, blast furnace explosion, Edgar Thomson Plant, Braddock, PA -- 9
2323. 1903 -- Apr 07, tornadoes (2), White, Cleburne, Van Buren counties, AR -- 10
2324. 1903 -- Apr 08, tornadoes (2), Leesburg, Hopewell, Summit, AL -- 20
2325. 1903 -- Apr 23, Northwestern Star Oil Plant explosion, Minneapolis, MN --10-11
2326. 1903 -- Apr 30, explosions, Crescent Powder Co., Ganister, ~Hollidaysburg, PA -- 10
2327. 1903 -- May 5, fog, Gloucester, MA fishing sch. *Gloriana* grounds, White Point, N.S.- 15
2328. 1903 -- May 5, fog, steamer *Saginaw* sinks, liner *Hamilton* collis. ~Hog Island, VA-- 15
2329. 1903 -- May 26-June 18, flooding, upper MS, lower MO valleys, IA, KS, MO --100-149
2330. 1903 -- May 24, tornadoes (3), Franklin, Kearney, Adams, Webster, Clay Co. AL -- 14
2331. 1903 -- May 26, tornadoes (3) Nodaway Co., MO; Polk/Monroe/Mahaska Co. IA -- 13
2332. 1903 -- June-Aug (esp. July 1-11), heat, esp. NY/144, NJ/60, IN/17, Chicago/15, CT/18-- 520
2333. 1903 -- June 1, tornado, Gainesville (includes former mill village New Holland), GA--98-113
2334. 1903 -- June 06, flash & river flooding, Pacolet River, especially near Pacolet, SC -- 65
2335. 1903 -- Jun 09, downpour, Chase Creek/San Francisco Ri. flash flood, Clifton, AZ<sup>71</sup>-7-13
2336. 1903 -- June 14, downpour, flash flood, Willow Creek, Heppner (and area), OR -- ~247
2337. 1903 -- June 19, trains collide head-on, Illinois Central Railroad near Raymond IA-- 10
2338. 1903 -- June 30, mine explosion, Hanna No. 1 Coal Mine, Hanna, WY -- 169
2339. 1903 -- July 02, cloudburst/flooding, Beeville, Mineral City, Normania, Pettus, TX-11-14
2340. 1903 -- July 05, cloudburst, dam failure, flood, Oakford Park (~Pittsburgh), PA --20-23
2341. 1903 -- July 07, trains collide, Rockfish Depot, 20 miles S of Charlottesville, VA --23-24
2342. 1903 -- July 17, tornadoes, La Salle and Livingston counties, IL -- 11
2343. 1903 -- July 29, powder/dynamite explosion/fire, U.S. Cartridge, Tewksbury, MA --20-22
2344. 1903 -- Aug, hurricane, steamer *George W. Kelley* lost, Caribbean, for New Orleans-- 19
2345. 1903 -- Aug 7, brake fails, Wallace Circus trains collide, Grand Trunk RR, Durand, MI- 26
2346. 1903 -- Aug 08, bleacher collapses, National Baseball Park, Philadelphia, PA -- 12
2347. 1903 -- Sep 11-13, FL hurricane, British steamer *Inchulva* grounds/breaks/9 at Delray--18
2348. 1903 -- Sep 14-17, Atlantic Coast hurricane, NC, VA, DE, NJ, NY, ME --57-125
2349. 1903 -- Sep 27, train derailed at trestle, Southern Rail train # 97, Danville, VA -- 11
2350. 1903 -- Oct 03, tornadoes (3), MN-WI, WI, IL -- 17
2351. 1903 -- Oct 3, steamer *Erie L. Hackley* sinks, Lake MI storm, Green Bay ~Green Isl., WI--11
2352. 1903 -- Oct 17, fog, work trains collide, Washington Crossing, near Trenton, NJ -- 17
2353. 1903 -- Oct 19, ropes break, Wabash Railroad Bridge construction, Pittsburgh, PA-- 10
2354. 1903 -- Oct 19, steamer *South Portland* hits reef in fog near Cape Blanco, OR --18-19
2355. 1903 -- Oct 31, Purdue football team train wreck, 18<sup>th</sup> St., Indianapolis, IN -- 17
2356. 1903 -- Nov 01, "House of All Nations" tenement fire, Eleventh Ave., NYC, NY -- 25
2357. 1903 -- Nov 02, storm, WA steamer *Discovery* founders, off Lituya Bay, SE coast AK-26-30
2358. 1903 -- Nov 14, trains collide and burn, Illinois Central RR, near Kentwood, LA --30-40
2359. 1903 -- Nov 19, Big Four Railway freight and work trains collide near Tremont, IL-- 20
2360. 1903 -- Nov 20, mine explosion, Bonanza No. 20 Coal Mine, Bonanza, AR -- 11

<sup>71</sup> These figures represent the varying reports on bodies recovered. News reports on the totality of lives thought to have been lost, mostly poor Mexican miner family members, range from 17 to 75, with many reporting 30-50.

2361. 1903 -- Nov 21, mine explosion, Ferguson Coal Mine, Connellsville, PA -- 17
2362. 1903 -- Nov 21, railroad workmen "shanty" fire, near Lilly (near Johnstown), PA --31-35
2363. 1903 -- Dec 18, fire, women's dormitory Walden University, Nashville, TN -- 9-15
2364. 1903 -- Dec 21, train wreck, St. Louis & SF train, Near Fort Scott, KS -- 10
2365. 1903 -- Dec 23, train derailment, Baltimore & Ohio Railroad, Connellsville, PA -- 64
2366. 1903 -- Dec 25-Jan 6, 1904, blizzards, snow, wind, Arctic cold, esp. MA & NY --76-78
2367. 1903 -- Dec 26, passenger trains collide head-on, East Paris near Grand Rapids, MI-- 22
2368. 1903 -- Dec 30, fire, suffocation, trampling, Iroquois Theater, Chicago, IL -- 602
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2369. 1904 -- cerebrospinal meningitis, esp. NYC/1,083-1,403, Hartford, CT/108, NJ/245 --3,284
2370. 1904 -- Jan 06, two Rock Island trains collide, near Willard & Topeka, KS -- 20
2371. 1904 -- Jan 8/9, storm, steamer *Clallam* floods/sinks, Strait of San Juan de Fuca/east, WA--56
2372. 1904 -- Jan 22, tornado, Hail-Tuscaloosa Counties (Moundville), AL -- 37
2373. 1904 -- Jan 25, Harwick Coal Mine blast, coal dust explosion, near Cheswick, PA -- 181
2374. 1904 -- Jan 26, mine cage fall, Stratton Independence Gold Mine, Victor, CO -- 15
2375. 1904 -- Feb 19, trains collide, dynamite explodes, Jackson Station, NV -- 24
2376. 1904 -- Feb 27, steamer *Queen* fire, two lifeboats swamped, off Tillamook Head, OR-- 14
2377. 1904 -- Mar 02, boiler explodes, Hotel Darlington (under construct.), Manhattan, NY-- 21
2378. 1904 -- Mar 23-24, racial violence against Blacks, St. Charles, AR -- 13
2379. 1904 -- Mar 31, explosion, Dickson Squib Factory, Priceburg, PA -- 11
2380. 1904 -- Apr 13, magazine explosion, battleship *Missouri*, off Pensacola, FL --32-34
2381. 1904 -- Apr 25, tornadoes, TX, Indian Territory, AR, KS -- 15
2382. 1904 -- May 11, mine explosion, Big Muddy Coal Mine, Herrin, IL -- 10
2383. 1904 -- May 26, boiler explosion, tow *Fred Wilson*, West Louisville Harbor, KY -- 11
2384. 1904 -- June-Aug, heat, especially NY (48), MA (25), NJ (25) and MI (12) -- 235
2385. 1904 -- June 04, Corning Distillery fire, explosions, building collapse, Peoria, IL -- 15
2386. 1904 -- June 06-08, labor bombing/shooting, Cripple Creek, Teller County, CO -- 21
2387. 1904 -- June 15, fire, *General Slocum* excursion steamer, East River, NYC --957-1,031
2388. 1904 -- July 03, train derails, fire, Wabash Railroad, Litchfield, IL -- 20
2389. 1904 -- July 10, trains collide, Greenwood Lake Division, Erie R.R., Midvale, NJ -- 17
2390. 1904 -- Aug 07, wood bridge/trestle fails under train, ~ Pueblo/Eden, CO -- ~83-116
2391. 1904 -- Sep 04, fire, 5-story tenement, Attorney Street, New York City, NY -- 15
2392. 1904 -- Sep 10, powder mill explosion, Fairchance, PA -- 19
2393. 1904 -- Sep 14-15, hurricane, NC to MA; DE/9 MD/3 MA/1 NJ/11 NY/2 SC/8-14 --35-41  
 1904 -- Sep 23, school outhouse floor collapses, girls 8-14 drown, Pleasant Ridge, OH-- 9
2394. 1904 -- Sep 24, head-on train collision, Southern Railroad, New Market, TN -- 62
2395. 1904 -- Oct 10, freight and passenger trains collide near Warrensburg, MO --27-29
2396. 1904 -- Oct 28, mine explosion, Tercio Coal Mine, Tercio, CO -- 21
2397. 1904 -- Nov 02, carriage drops, Auchincloss Coal Mine, Nanticoke, PA -- 10
2398. 1904 -- Nov 13, hurricane, FL to Northeast and Great Lakes, especially coastal NC --10-11
2399. 1904 -- Nov 20, fire, tenement house, Troutman Street, Brooklyn, NY -- 12
2400. 1904 -- Dec 07, mine explosion, No. 5 Coal Mine, Burnett, WA -- 17
2401. 1904 -- Dec 07, SF CA fishing schr. *Pearl* departs; wreck found Mar 7 ~Sanak Isl., AK--36
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2402. 1905 -- cerebrospinal meningitis epidemic, esp. NYC/1511-2025; also CT/NH/NJ/MA --5,114
2403. 1905 -- tuberculosis/10 registration states/DC/134 non-registration cities), esp. NY--56,770

2404. 1905 -- wood alcohol poisoning, NYC, NY -- >25
2405. 1905 -- Jan 03, fire, entire Noweski family killed, Morris Run, PA -- 10
2406. 1905 -- Jan 03, towboat *Defender* boiler explosion, OH River, near Huntington WV-- 9-20
2407. 1905 -- Feb 01, sleigh and train collision, Shawmut Crossing, near Arkport, NY -- 10
2408. 1905 -- Feb 20, mine explosion, Coal Mine Virginia City, AL -- 160
2409. 1905 -- Feb 27, floor collapse, fire scare and trampling, Church Ser., Brooklyn, NY-- 11
2410. 1905 -- Mar 10, explosion, Oswald Mine, Princeton Coal & Mining, Gibson, IN -- 10
2411. 1905 -- Mar 14, fire, tenement, Allen Street, New York City, NY -- 20
2412. 1905 -- Mar 18-19, explosions, Rush Run & Red Ash Coal Mine, Red Ash, WV -- 24
2413. 1905 -- Mar 20, boiler explosion/fire, Grover & Co. Shoe Factory, Brockton, MA -- 58
2414. 1905 -- Mar 20, tornado, Chambers/Randolph counties, AL; Heard County, GA --14-17
- 1905 -- Mar 22, Oswald coal mine explosion, Princeton, ID -- 9
2415. 1905 -- Apr 03, mine explosion, Zeigler Coal Mine, Zeigler, IL -- 49
2416. 1905 -- Apr 07-Mid-July, Teamsters' strike and riots violence, Chicago, IL -- 21
2417. 1905 -- Apr 26, carriage rope breaks, Conyngham Coal Mine, Wilkes-Barre, PA -- 10
2418. 1905 -- Apr 27, mine explosion, Eleanora Coal Mine, Dubois, PA -- 13
2419. 1905 -- Apr 29, severe storm, reported as a tornado, Laredo, TX -- 16
2420. 1905 -- Apr 30, mine explosion, No. 19 Coal Mine, Wilburton, OK -- 13
2421. 1905 -- May 08, tornado, McPherson and Saline counties, KS -- 34
2422. 1905 -- May 10, F5 tornado, Lock hamlet, Snyder, Kiowa Co. & vicinity, OK --97~120
2423. 1905 -- May 11, trains collide, blasting powder explosion, fire, SE Harrisburg, PA -- 23
- 1905 -- May 12, detonation of explosive materials, Cora copper mine, Butte, MT -- 7
2424. 1905 -- May 21-Nov, yellow fever, esp. LA (esp. New Orleans/455), Pensacola, MS--1,131
2425. 1905 -- June 17, trains collide, Western MD Road, near Patapsco Station, MD --23-26
2426. 1905 -- June 21, sabotage, train derails, Twentieth Century Limited, Mentor, OH --19-21
2427. 1905 -- July 05, tornado, Montague County, TX -- 18
2428. 1905 -- July 07, drownings at log jam, Chippewa River, Little Falls Dam, WI -- 11
2429. 1905 -- July 21, USS *Bennington* gunboat boiler explosion, San Diego, CA --60-65
2430. 1905 -- Aug 08, collapse, John G. Myers Dry Goods Store, Pearl St., Albany, NY -- 13
2431. 1905 -- Aug 13, trains collide, Nickel Plate Road, Kishman (near Vermillion), OH --12-15
2432. 1905 -- Aug 16, quarry landslide, Lehigh Cement Co., Ormrod, near Allentown, PA-- 12
2433. 1905 -- Aug 17, train goes into Elizabeth River, Atlantic Coast Line, Bruce, VA -- 15
2434. 1905 -- Aug 20, street car and freight train crossing collision, Butte, MT -- 10
2435. 1905 -- Aug 28, steam freighter *Peconic* founders in gale, Atlantic, off Fernandina, FL--20
2436. 1905 -- Sep 2-3, *Iosco & Olive-Jeanette* sink, Lake Sup. storm, E of Keweenaw Pen., MI-26
2437. 1905 -- Sep 10, Rand Powder Mill explosions (powder, dymn.)/fire, Fairchance PA--19-25
2438. 1905 -- Sep 11, 9<sup>th</sup> Avenue elevated train derails on 53<sup>rd</sup> Street curve, NYC, NY -- 12
2439. 1905 -- Sep 17, fuse factory explosion and fire, Avon, CT -- 9-12
2440. 1905 -- Oct 06, rock-fall, Vermont Slate Company, Briar Hill Quarry, Pawlet, VT -- 8-10
2441. 1905 -- Oct 19/20, Great Lakes storm, at least 27 wood vessels lost, esp. *Kaliyuga* -- ≥44
- 5 *Emma L. Neilsen*, schooner, stranded, Presque Isle Bay, MI, Lake Huron.
- 2 *John V. Jones*, schooner, Lake Michigan.
- 1 *Joseph S Fay*, steamer, near Rogers City, MI, Lake Huron.
- 17 *Kaliyuga*, steamer, lost, last seen 5m off Presque Isle, MI, Lake Huron.
- 9 *Minnedosa*, schooner (Canadian), foundered off Harbor Beach, MI, L. Huron.
- 2 *Sarah E Sheldon*, schooner, off Loraine near Lincoln, OH, Lake Erie.



- 8 *Tasmania*, schooner-berge, foundered ~SE Shoal, Pelee Island, Lake Erie.
2442. 1905 -- Oct 30, Atchison, Topeka & Santa Fe train derails near Kansas City, MO -- 13
2443. 1905 -- Nov 13~, storm?, WA fish schmr. *Nellie Coleman* lost off Cape Yakataga, AK-- ≥30
2444. 1905 -- Nov 26, trains collide, Bakers Bridge, MA --17-20
2445. 1905 -- Nov 27-29, Lake Sup. storm, *Mataafa*/9 *Edenborn*/1, *Lafayette*/1 wreck ~Duluth MN-11
2446. 1905 -- Nov 28, freighter *Ira H. Owen* sinks, Lake Superior storm, ~Outer Island, WI-- 19
2447. 1905 -- Dec 02, explosion, Diamondville #1 Coal Mine, Diamondville, WY -- 18
2448. 1905 -- Dec 7, trains collide, Union Pacific freight/Overland Ltd., ~Rock Springs WY-- 10
2449. 1906 -- epidemic cerebro-spinal meningitis, esp. NY/1,117 (NYC/600), PA/385 --3,258
2450. 1906 -- measles, nationwide --5,087
2451. 1906 -- tuberculosis, Philadelphia, PA --3,742
2452. 1906 -- Jan 04, mine explosion, Coaldale Coal Mine, Coaldale, ~Bluefield, WV -- 24
2453. 1906 -- Jan 08, landslide, clay mining at base of hill, Haverstraw, NY -- 22
2454. 1906 -- Jan 10, fire, the West Hotel, Hennepin & Fifth, Minneapolis, MN -- 11
2455. 1906 -- Jan 13, schooner *Robert H. Stevenson* grounds, Diamond Shoals, NC -- 12
2456. 1906 -- Jan 18, dust explosion, Detroit Coal Mine, Paint Creek, WV -- 18
- 1906 -- Jan 20, avalanche, Alta Mining Camp, Salt Lake, UT -- 7
2457. 1906 -- Jan 21, fire and trampling deaths, St. Paul's Baptist Church, Philadelphia, PA-- 18
2458. 1906 -- Jan 22, storm, liner SS *Valencia* grounds/sinks, so. side Vancouver Island, BC-136
2459. 1906 -- Jan 24, mine explosion, Poteau No. 6 Coal Mine, Witteville, OK -- 14
2460. 1906 -- Feb 08, mine gas explosion, Parral Coal Mine, Parral, WV -- 23
2461. 1906 -- Feb 19, mine explosion, Maitland Coal Mine, Walsenburg, CO -- 14
2462. 1906 -- Feb 24, SF CA steamer *Centennial* departs Hakodate, Japan for San Fran., lost--38
2463. 1906 -- Feb 27, avalanche, Wallace, ID -- 75
2464. 1906 -- Feb 27, mine explosion, Little Cahaba Coal Mine, Piper, AL -- 12
2465. 1906 -- Feb 29, avalanche, Mace, CO -- 60
2466. 1906 -- Mar 02, tornado, Meridian, Lauderdale County, MS -- 23
2467. 1906 -- Mar 16, trains collide, Denver & R.G. passenger train, Adobe, CO -- 22
2468. 1906 -- Mar 18-19, snow storm, avalanches, CO -- 16
2469. 1906 -- Mar 22, dust explosion, Century Coal Mine, No. 1 Shaft, Century, WV -- 23
2470. 1906 -- Mar 26, flooding, bridge fails under t rain, near Natrona, WY -- 10
2471. 1906 -- Apr 06, last sighting, bark *Nicholas Thayer*, heavy gale off Seal Rocks AK --10-16
2472. 1906 -- Apr 13, battleship USS *Kearsarge* turret powder fire off Cape Cruz Cuba -- 10
2473. 1906 -- Apr 18, earthquake, fire, landslides, San Francisco & vicinity, CA --3,000-5,000
2474. 1906 -- Apr 22, mine explosion (dust), Cuatro Coal Mine Tercio, CO -- 18
2475. 1906 -- Apr 26, tornado, Clay and Montague counties, especially Bellevue, TX -- 17
2476. 1906 -- May 04, trains collide, Pennsylvania Railroad, Clover Creek Junction, PA -- 10
- 1906 -- May 14, W.G. Acreman, wife, seven children, murdered at home, Allentown FL--9
2477. 1906 -- June 03, trolley upset, Providence, RI -- 11
2478. 1906 -- June 09, explosion, dynamite plant, Bausman's Hollow, PA -- 11
- 1906 -- June 11, gasoline steamer *Corinthian* grounds, Humboldt Bar, CA<sup>72</sup> -- 2

<sup>72</sup> Noted herein only because there are reports to be found noting that all twelve of the crew lost their lives. One such source is the US Bureau of Navigation *List of Merchant Vessels of the United States for the Year Ending June 30, 1906*. A multi-page report on this loss in the U.S. Life-Saving Service report for the fiscal year, and newspaper accounts, make it clear, however, that two lives were lost and ten saved themselves or were rescued.

2479. 1906 -- July 03, runaway mine car hits pedestrians, ~Portage, PA --11-13
2480. 1906 -- July 22, passenger and freight trains collide near Hamlet, NC --20-22
2481. 1906 -- July 23, collapse, Amsden Building, South Framingham, MA -- ~12
2482. 1906 -- July 29, capsizing of gas sloop *Nora* (9) and gas launch *Alva B.* (1), Anglesea, NJ--10
2483. 1906 -- Sep 21, explosion, carload of dynamite, ~Southern Rail Depot, Jellico TN -- 7-20
2484. 1906 -- Sep 22-26, racial rioting, Atlanta, GA --25-40
2485. 1906 -- Sep 27, hurricane, Mobile County AL/ $\geq$ 109, Pensacola FL/ $\geq$ 39, MS/ $\geq$ 4 --  $\geq$ 152
2486. 1906 -- Oct 03, West Fork mine explosion, Pocahontas Colliery, Pocahontas VA -- 36
2487. 1906 -- Oct 05, mine explosion, Dutchman Coal Mine, Blossburg, NM -- 10
2488. 1906 -- Oct 18-21, hurricane, Florida Keys and Maritime, FL --211-328  
Oct 18, sidewheel steamer *St. Lucie* founders, Elliot Key, FL--21
2489. 1906 -- Oct 25, fire, Chamber of Commerce Building, Kansas City, KS -- 15
2490. 1906 -- Oct 28, open drawbridge, train derailed into tidal channel, Atlantic City, NJ --57-62
2491. 1906 -- Nov 09, building collapse, Bixby Hotel, Long Beach, CA -- 10
2492. 1906 -- Nov 12, trains collide, Baltimore & Ohio Railroad, near Woodville, IN --44-50
2493. 1906 -- Nov 18, steamers *Dix* and *Jeanie* collide, *Dix* sinks, Puget Sound, WA --42-45
2494. 1906 -- Nov 21-22, Great Lakes storm, U.S. and Canadian losses (esp. maritime) --38-39
2495. 1906 -- Dec 3, rain, Detroit Copper Mining Co. dam fails, flash flood, Clifton, AZ--18-20
2496. 1906 -- Dec 19, steamer *W.T. Scovell* boiler explodes, ~Vicksburg, Gold Dust Lndg. LA-13-16
2497. 1906 -- Dec 21 (week of), scarlet fever, Chicago, IL -- 115
2498. 1906 -- Dec 23, passenger & freight trains collide in fog, Enderlin, ND --10-11
2499. 1906 -- Dec 30, trains collide, Terra Cotta (now Fort Totten) Station, Wash., DC --53-59
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2500. 1907 -- diphtheria and croup, Nationwide, esp. NY and PA (esp. Philadelphia) 10,154
2501. 1907 -- influenza, Census "Registration States and Localities"  $\geq$ 10,066
2502. 1907 -- measles, Census Registration States and localities --4,302
2503. 1907 -- scarlet fever, Census Registration States and localities --4,309
2504. 1907 -- tuberculosis, esp. NY/14,390, PA/9,317, MA/4,857, CA/4,090, IN/3,857 --76,650
2505. 1907 -- typhoid, esp. PA/3,538 NY/1,702 IN/948 MI/594 CA/545 OH/523 MD/520--12,670
2506. 1907 -- whooping cough, Census Registration States and localities --4,856
2507. 1907 -- Jan 02, Rock Island RR Trains 29 #2 & 30 collide, fire, near Volland, KS --32-35
2508. 1907 -- Jan 09, explosion, Eliza Furnaces, Jones & Laughlin Steel, Pittsburgh PA --12-34
2509. 1907 -- Jan 19, trains collide in fog, Big Four Line, Fowler, IN --23-29
2510. 1907 -- Jan 19, train car explosion (powder), Big Four Railroad, Sandford, IN --29-34
2511. 1907 -- Jan 23, mine explosion, Primero Coal Mine, Primero, CO -- 24
2512. 1907 -- Jan 26, mine explosion (powder & dust), Lorentz Coal Mine, Penco, WV -- 12
2513. 1907 -- Jan 29, mine explosion (gas & dust), Stuart Colliery Co., Fayette Co., WV-- 85
2514. 1907 -- Feb 04, coal mine explosion (gas), Thomas #25, Thomas, Tucker Co., WV-- 25
2515. 1907 -- Feb 11, sidewheel steamer *Larchmont* hit by schooner, sinks off Block Harbor, RI--133-183
2516. 1907 -- Feb 16, electric train derailment, Harlem Div., NY Central Rail, Bronx NY--23-24
2517. 1907 -- Feb 22, steamer *Marion* burns, Wadmalaw Sound, Hart's Landing, SC --12-24
2518. 1907 -- Mar 13-18, flooding, numerous rivers, Southern OH, Western PA, WV -- ~76
2519. 1907 -- Mar 16, mine explosion, Bond & Bruce Coal Mine, Tacoma, VA -- 11
2520. 1907 -- Mar 28, train derailed, Sunset Express, Southern Pacific Rail, Colton, CA --25-28
2521. 1907 -- Apr ?, schooner *Argo* strands/breaks-up on Lake MI beach near Manistee, MI--14
2522. 1907 -- Apr 03, Maine ship *Arthur Sewall* lost, Philadelphia, PA to Seattle, WA -- 28

2523. 1907 -- Apr 05, tornado, West Feliciana and East Feliciana, LA -- 13
2524. 1907 -- Apr 10, bark *Adolph Obrig* lost, from NYC, NY to San Francisco, CA -- 18
2525. 1907 -- Apr 13-14, steam barge *Arcadia* sinks, Lake Michigan, off Big Sable, MI --11-14
2526. 1907 -- May 01, gas explosion, White Oak Fuel, Whipple Coal Mine, Scarboro, WV-- 16
2527. 1907 -- May 11, tunnel dynamite explosion, South & Western RR, Alta Pass, NC -- 9-14
2528. 1907 -- May 11, train derails, Coast Line, Southern Pacific RR, ~Honda, CA --32-40
2529. 1907 -- May 25, tornadoes (3), Mason, San Saba, Van Zandt, Rains Counties, TX -- 12
2530. 1907 -- May 27-Dec 31, Bubonic Plague epidemic, San Francisco, CA --77-96
2531. 1907 -- Summer-Autumn (Sep peak), Polio epidemic, NY, esp. greater NYC --100-125
2532. 1907 -- June 7-8, wind/rain storms, flash floods, IL, IN, KY (esp. Gradyville) --28-32
2533. 1907 -- June 11, battleship *Minnesota* launch run-down at Hampton Roads, VA -- 11
2534. 1907 -- July 03, tornadoes, Jackson, Juneau, Monroe, Sauk Counties, WI -- 11
2535. 1907 -- July 15, USS *Georgia* gun turret powder explosion off Cape Cod, MA -- 10
2536. 1907 -- July 20, excursion & freight trains collide, Pere Marquette RR, ~Salem, MI-31-32
2537. 1907 -- July 21, liner *Columbia* hit by sch. *San Pedro*, fog, sinks ~Shelter Cove, no. CA--80-88
2538. 1907 -- July 28, fire, tenement house, 222 Chrystie Street, East Side, NYC, NY --19-20
2539. 1907 -- Aug 30, electric trains collide (trolley & express), near Charleston, IL -- 14
2540. 1907 -- Sep 05, fire, Webb Hotel, Shelton, WA -- 11
2541. 1907 -- Sep 15, freight and passenger trains collide in dense fog ~West Canaan, NH-- 25
2542. 1907 -- Oct 11, freighter *Cyprus* sinks, Lake Superior storm, 19m off Deer Park, MI--21-22
2543. 1907 -- Oct 15, powder explosion, DuPont Powder Mill, Fontanet, IN -- 27
2544. 1907 -- Oct 22, Gloucester, MA fishing sch. *Clara G. Silva* loses five dories, storm-- 10
2545. 1907 -- Nov 24, last contact with ship *Bangalore*, Norfolk VA to Honolulu -- 21
2546. 1907 -- Nov 30, mine fire, Fremont Gold Mine, Drytown, CA -- 11
2547. 1907 -- Dec 01, mine explosion (gas), Naomi Coal Mine, Fayette City, PA -- 34
2548. 1907 -- Dec 06, gas/dust explosions, Fairmont Coal mines 6 & 8, Monongah WV --400-550
2549. 1907 -- Dec 07, Rolling Mill Iron Mine, skip fall, Negaunee, MI -- 10
2550. 1907 -- Dec 16, "Windy shot" & dust explosion, Yolande No. 1 Coal Mine, Yolande, AL--~57
2551. 1907 -- Dec 19, Darr Coal Mine explosion, Jacob's Creek, Monessen, PA -- 239
2552. 1907 -- Dec 31, mine explosion, Bernal Coal Mine, Carthage, NM -- 11
2553. 1908 -- tuberculosis, Philadelphia, PA --3,490
2554. 1908 -- Jan/Feb, Gloucester fishing schooner *Northern Eagle*, lost, Gulf of Mexico-- 9-10
2555. 1908 -- Jan 8, SF schmr. *John F. Miller* grounds, gale, East Anchor Cove, Unimak Isl., AK- 10
2556. 1908 -- Jan 13, fire and trampling deaths, Rhoads Opera House, Boyertown, PA -- 170
2557. 1908 -- Jan ~23, steamer *Bluefields* founders, storm off Cape Hatteras, NC -- 18
2558. 1908 -- Feb 14, ship *Emily Reed* grounds, Nehalem Beach, OR -- 11
2559. 1908 -- Feb 14, tornadoes, Tyler, TX, and Mossville, Service and Soso, MS -- 8-14
2560. 1908 -- Feb 20, nitroglycerin explosion, Hercules Powder Works, Pinole, CA --28-30
2561. 1908 -- Mar 4, fire & trampling, Lakeview Elementary School, Collinwood OH --175-176
2562. 1908 -- Mar 28, coal mine explosion, Hanna No. 1, Hanna, WY -- 59
2563. 1908 -- Apr 12, The Great Chelsea Fire/conflagration of 1908, Chelsea, MA --15-19
2564. 1908 -- Apr 23-25, tornadoes, AL/37-38, AR/6, GA/30, LA/85, MS/≤139, NE, TX/8--324
2565. 1908 -- Apr 26, *Miriam* hit by "Cyclone," capsizes, Miss. River, ~Hardins Pt. AR -- 11
2566. 1908 -- May 2, gale, stmr. *Minnie E. Kelton* floods/adrift/men washed off, Yaquina Head OR--11
2567. 1908 -- May 03, fire, Aveline Hotel, Fort Wayne, IN -- 12

2568. 1908 -- May 12, shaft gas explosion, Mount Lookout Coal Mine, Wyoming, PA -- 12
2569. 1908 -- May 13, tornado outbreak, Caddo, Bossier, & 5 other Counties, LA -- 50
2570. 1908 -- May 26, Boston schooner *Fame*/UK steamer *Boston* collide, fog, Cashes Bank-18
2571. 1908 -- June 05, tornado, Thayer and Fillmore Counties, NE -- 12
2572. 1908 -- summer-fall, polio outbreak, IA, MA, MI, MN (13), VA, esp. WI (61) -- 87
2573. 1908 -- July 24, bark *Auburndale* lost at sea from Turks Island to Philadelphia, PA-- 10
2574. 1908 -- Aug 10, boiler explosion, Susquehanna Iron & Steel Co., York, PA -- 10
2575. 1908 -- Aug 14-15, Springfield race riot; whites attack blacks, Springfield, IL --10-≥12
2576. 1908 -- Aug 24-28, flooding, fire, bridge, dam, levee failures, NC, SC, GA, VA --46-80
2577. 1908 -- Aug 25, toll bridge fails with pedestrians watching flood water, Camden, SC-- 19
2578. 1908 -- Aug 26, coal mine fire, Hailey-Oklahoma No. 1, Haileyville, OK -- 29
2579. 1908 -- Aug 27, date of last report from Ship *Fort George*, NY, NY to Honolulu, HI-- 20
2580. 1908 -- Aug 27-28, cloudburst, flash flood, Folsom, NM -- 17
- 1908 -- Sep 01, squall, sloop capsizes, drownings, Penobscot Bay off Deer Isle, ME-- 7
2581. 1908 -- Sep 20, SF bark *Star of Bengal* grounds/wrecks, Coronation Island, AK --111-112
2582. 1908 -- Sep 25, trains collide in snowstorm, Young's Point, near Park City, MT --20-21
2583. 1908 -- Oct 07, explosion and fire, grain elevator, Richford, VT -- 17
2584. 1908 -- Oct 15, wildfire (Nowicki train fire), NE MI, esp. Metz, Presque Isle Co. --37-47
2585. 1908 -- Nov 21, steamer *H.M. Carter* boiler explosion/fire, MS Riv., Bayou Goula, LA--10-11
2586. 1908 -- Nov 23, tornado, Franklin County, AR -- 14
2587. 1908 -- Nov 28, Rachel and Agnes Coal Mine dust explosion, Marianna, PA --153-154
2588. 1908 -- Dec 01, steamer *D.M. Clemson* sinks, Lake Superior storm ~Whitefish Pt., MI- 24
2589. 1908 -- Dec 02, U.S. steamer *Soo City* lost in storm, Gulf of St. Lawrence -- 19
2590. 1908 -- Dec 29, Pocahontas Coal Mine explosion, Lick Branch, WV -- 50
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2591. 1909 -- polio (acute), especially MA (74), MN (30), NE (135), and ND (19) -- 569
2592. 1909 -- smallpox, 29 reporting States and the District of Columbia -- 132
2593. 1909 -- tuberculosis, Philadelphia, PA --3,496
2594. 1909 -- Jan 10, mine explosion, Zeigler Coal Mine, Zeigler, IL -- 26
2595. 1909 -- Jan 12, mine explosion, Pocahontas Collieries, Lick Branch, WV -- 67
2596. 1909 -- Jan 15, train collision, Denver and Rio Grande RR, Dotsero, CO -- 21
- 1909 -- Jan 19, Stone Canyon coal mine explosion, Chancellor, CA -- 6
2597. 1909 -- Jan 20, magazine explosion, water tunnel crib fire, Lake Michigan ~Chicago-- 53
2598. 1909 -- Jan 25, schooner *William C. Tanner* lost, Rockport, MA to Key West, FL -- 10
2599. 1909 -- Feb 02, mine explosion, Short Creek Coal Mine, Short Creek, AL -- 18
2600. 1909 -- Feb 05, tornado outbreak, AL, AR and MS -- 14
- 1909 -- Feb 22, trains collide in fog, Delmar, DE -- 7
2601. 1909 -- Feb 23, tornadoes (3), AR -- 10
2602. 1909 -- Mar 03, fire, tenement building, 374 Seventh Avenue, NYC, NY -- 10
2603. 1909 -- Mar 08, tornado outbreak (6), Dallas and Monroe Counties, AR -- 67
2604. 1909 -- Mar 23, tornado, Denton, TX -- 10
2605. 1909 -- Mar 31, mine explosion, Beury Bros. Coal Co., Echo Mine, Beury, WV -- 16
2606. 1909 -- Apr 06-7, windstorms, MI, MS, NY, PA --18-21
- 1909 -- Apr 11, urban conflagration, Lenox, MA -- 6
- 1909 -- Apr 21, windstorm, south Lake Erie coastal area, especially, Cleveland, OH-- 9
2607. 1909 -- Apr 29, tornadoes, AL, AR, IL, MS, MO, TN --132-146

2608. 1909 -- Apr 30, tornado outbreak, GA -- 16
2609. 1909 -- May 1-2, steamer *Adella Shores* sinks, Lake Superior gale, off Grand Isl., MI--14
2610. 1909 -- May 11, drownings, overloaded launch sinks, OH River, ~Schoenville, PA-20-26
2611. 1909 -- May 12, Calanan Quarry dynamite explosion, South Bethlehem, NY -- 23
2612. 1909 -- May 29, Flash Floods, Creek and Lincoln Counties, OK -- 10
2613. 1909 -- May 29, Tornadoes (4), Key West, OK and ND -- 15
2614. 1909 -- May 30, Tornado, Zephyr, Brown County, TX -- 34
2615. 1909 -- June 06, ship hits wharf, collapses, Mandeville, Lake Pontchartrain LA -- 11
2616. 1909 -- June 10, tornadoes, Jones and Haskell Counties, TX -- 10
2617. 1909 -- June 11, wind storm, Haskell, Lueders, Sweetwater, Wichita Falls, TX --11-12
2618. 1909 -- June 19, trains collide, Burns Harbor, IN -- 12
2619. 1909 -- June 23, Lackawanna No. 4 Coal Mine explosion, Wehrun, PA -- 21
2620. 1909 -- July 07-09, flooding, Missouri Valley, NW MO, KS, SE Neb., western IA-- 11
2621. 1909 -- July 12, fog, SS *John B. Cowle* hit by *Scott*/sinks, Lake Superior off Whitefish Pt., MI-14
2622. 1909 -- July 18, sloop *Roxana* capsizes, drownings, N. Y. Bay --19-22
2623. 1909 -- July 21, hurricane, Velasco/Freeport, Brazoria Co., TX landfall; also LA/2 --40-42
2624. 1909 -- July 31, electric trains collide head-on, Gibbs, near Coeur d'Alene, ID -- 16
2625. 1909 -- Aug 09-17, heat-wave, Midwest and Northeast, esp. IL, MO, NB, NY, PA-- 141
2626. 1909 -- Aug 14, head-on train collision, near Husted, CO -- 10
2627. 1909 -- Aug 18, Gloucester, MA Schooner *Orinoco* capsizes, Sambro, Nova Scotia-- 11
- 1909 -- Aug 20, car racing wreck, Indianapolis, IN -- 4
- 1909 -- Aug 30, fire, St. Malachy's Home for Children, Far Rockaway Beach, NY-- 7
2628. 1909 -- Sep 20-21, hurricane, LA/MS; esp. Terrebonne Parish, LA --350-353
2629. 1909 -- Oct 03, Northwestern Coal Mine explosion, Roslyn, WA -- 10
2630. 1909 -- Oct 08, trains collide, Topeka, KS -- 17
2631. 1909 -- Oct 11, Florida Keys & south FL hurricane, (tug *Sybil*/11) and Key West, FL-- 19
2632. 1909 -- Oct 14, tornado outbreak, AL (11-21), AR (2), GA (1-2), TN (42-50) --56-75
2633. 1909 -- Oct 21, Rock Island No. 8 Coal Mine explosion, Hartshorne, OK --10-11
2634. 1909 -- Oct 30, fire, business district, St. Johnsbury, VT --10-11
2635. 1909 -- Oct 31, explosion, Franklin #2 coal mine, Cambria Steel, Johnstown PA --12-13
2636. 1909 -- Nov 08, explosion, fire, Robert Morrison Comb Factory, Brooklyn, NY --10-12
2637. 1909 -- Nov 13, fire, Cherry Mine (St. Paul Coal Co. No. 2), Cherry Hill, IL -- 259
2638. 1909 -- Dec 8, PA steamer *Clarion* fire, lifeboat loss, Lake Erie ~SE Shoal, Pt. Pelee, Can.-15
2639. 1909 -- Dec 08, coal car ferry *Marquette & Bessemer No. 2* lost, Lake Erie Storm --30-38
2640. 1909 -- Dec 13, sch. *Governor Ames* wrecks, storm, Wimble Shoals, Cape Hat. NC-11-13
2641. 1909 -- Dec 15, train derailment, Reedy Fork trestle, near Greensboro, NC --12-16
2642. 1909 -- Dec 23, schooner *Susie M. Plummer* abandoned, Cape Flattery, WA -- 10
2643. 1909 -- Dec 24, steamer *Columbia* lost out of NYC, NY to Port au Prince Haiti -- 11
2644. 1909 -- Dec 25-26, winter storm, No. Atlantic States, especially NYC, CT, MA --20-26
2645. 1909 -- Dec 26, schooner *Davis Palmer* founders off Boston Harbor, MA -- 14
2646. 1910 -- anthrax, CA, CO, DE, IN, ME, MD, MA, NY, OH, and esp. PA (7) -- 22
2647. 1910 -- sum-fall esp., Polio, esp. IA/161, MA/122, MN/97, NY/170, PA/269 --1459-2,449
2648. 1910 -- smallpox, 23 reporting States and DC, esp. MI (121), OK (99), TX (67) --403-427
2649. 1910 -- tuberculosis, Philadelphia, PA --3,190
2650. 1910 -- typhoid fever, avg. death rate 23.5; esp. NC, 57.7, CO/41.9, MD/40.7, MT/39.9--25,000

2651.	1910 -- auto racing accident, Long Island Motor Parkway, NY	-- 4
2652.	1910 -- Jan, schooner <i>Henry B. Fiske</i> of Boston capsizes off Nantucket, MA	-- 10
	1910 -- Jan 11, coal mine gas explosion, Nottingham Shaft, Plymouth, PA	-- 7
2653.	1910 -- Jan 12, steamer <i>Czarina</i> , hit by large wave, grounds on Coos Bay Bar, OR	--22-24
2654.	1910 -- Jan 31, mine explosion, Primero Coal Mine, Primero, CO	-- 75
2655.	1910 -- Feb 01, mine explosion, Browder Coal Mine, Browder, KY	-- 34
2656.	1910 -- Feb 05, mine gas explosion, Ernest No. 2 Coal Mine, Ernest, PA	-- 12
2657.	1910 -- Feb 06 US Navy tug <i>Nina</i> departs Norfolk, sinks in gale, Fenwick Isl. Shoals, DE	--31-33
2658.	1910 -- Feb 27-28, snowslides, Coeur d'Alene District, esp. Mace & Burke, ID	--19-24
2659.	1910 -- Mar 01, avalanche derails two trains, Stevens Pass, Wellington, WA	--96-118
2660.	1910 -- Mar 02, powder explosion, Alaska-Mexico Gold Mine, Treadwell, AK	--37-39
2661.	1910 -- Mar 03, flooding, Colfax, WA	-- 12
2662.	1910 -- Mar 21, train derailment, Rock Island RR, Green Mt., Gladbrook, IA	-- 49
2663.	1910 -- Mar 25, fire, L. Fish & Co. Furniture Store, Wabash Ave., Chicago, IL	-- 12
2664.	1910 -- Apr 13, limestone quarry explosion, Nazareth, PA	-- 11
2665.	1910 -- Apr 20, mine explosion, Mulga Coal Mine, Mulga, AL	-- 40
2666.	1910 -- Apr 22, mine explosion, Youghiogheny & OH Coal Co., Amsterdam, OH	-- 18
2667.	1910 -- May 05, mine explosion, Coal Mine No. 3, Palos/Birmingham, AL	-- 84
2668.	1910 -- May 11, steamer <i>City of Saltillo</i> grounds on rock, sinks, Glen Park, MO	-- 12
2669.	1910 -- May 17, boiler explosion, American Sheet and Tin Plate Co., Canton, OH	-- 13
2670.	1910 -- May 23, fog, <i>Frank H. Goodyear</i> hit by <i>Wood</i> , sinks, Lake Huron ~Pt. Aux Barques MI	--17-19
2671.	1910 -- June 01, explosion, Union Limestone Quarry, Devils Slide, UT	-- 25
2672.	1910 -- June 15-28, heat wave, esp. IL, IN, KS, MD, MI, MO, NJ, NY, OH, PA, WI	-- 165
2673.	1910 -- July 03-5, Race riots/violence, result of Jack Johnson defeat of Jim Jeffries	--18-24
2674.	1910 -- July 04, train collision (head-on), Middletown, OH	-- 23
2675.	1910 -- July 10, artillery explosion, Fort Monroe, VA	-- 11
2676.	1910 -- July 29-30, racial rioting, Whites attack Blacks, Slocum and vicinity, TX	--18-28
2677.	1910 -- Aug 08, Northwestern Pacific Railroad train crash, Ignacio, CA	-- 11
2678.	1910 -- Aug 20-Sep 9, wildfires, ID (84 deaths), MT (7 killed), WA (3 deaths)	-- 94
2679.	1910 -- Sep 9, <i>Pere Marquette 18</i> springs leak/sinks, Lake MI, 20M off Sheboygan WI <sup>73</sup>	--29-31
2680.	1910 -- Sep 11, cave-in, Bergen Tunnel, Erie Railroad, Jersey City, NJ	-- 11
2681.	1910 -- Sep 21, interurban electric train (trolley) car crash, Kingsland, IN	--39-42
2682.	1910 -- Oct 01, battleship <i>New Hampshire</i> launch capsizes, Hudson River, NY	--23-31
2683.	1910 -- Oct 01, terrorism, Los Angeles Trade Unionist bombing, <i>LA Times</i> , CA	-- 21
2684.	1910 -- Oct 04, traction (electric) trains collide, near Staunton, IL	-- 37
2685.	1910 -- Oct 07, wildfire, Northern MN, esp. Baudette, Pitt, Spooner, MN	--32-43
2686.	1910 -- Oct 08, coal mine dust explosion, Colorado Fuel Co., Starkville, CO	-- 56
2687.	1910 -- Oct 11-14, steamship <i>Arkadia</i> lost at sea, from N.O. LA to San Juan, P.R.	-- 37
2688.	1910 -- Oct 17-20, hurricane, Key West, Florida to Virginia; all deaths in or off FL	--37-41
2689.	1910 -- Nov 06, coal mine, explosion, Lawson Coal Mine, Black Diamond, WA	-- 16
2690.	1910 -- Nov 08, coal mine explosion, Victor American No. 3, Delagua, CO	-- 79
2691.	1910 -- Nov 25, coal mine explosion, Providence No. 3 mine, Providence, KY	-- 10
2692.	1910 -- Nov 26, fire, multiple-use factory, Orange & High Streets, Newark, NJ	-- 25
2693.	1910 -- Nov 28, Jumbo Asphalt Mine gas explosion, Durant, OK	-- 13
2694.	1910 -- Dec 14, coal mine fire, Leyden Coal Mine, Leyden, CO	-- 10

<sup>73</sup> We include two fatalities from the *Pere Marquette 17* while trying to perform rescues.

2695.	1910	-- Dec 19, train crash and gas explosion, Grand Central Station yard, NY	-- 10
2696.	1910	-- Dec 21, factory fire, Friedlander Leather Remnants Co., Philadelphia, PA	-- 14
2697.	1910	-- Dec 22-23, fire, Nelson-Morris Meatpacking Plant, Stockyards, Chicago, IL	-- 24
2698.	1910	-- Dec 29, boiler explosion, Morewood Lake Ice Co., south of Pittsfield, MA	-- 17
2699.	1910	-- Dec 31, haulage failure, Lick Fork Coal Mine, Thacker, WV	-- 10
2700.	1911	-- anthrax, CA (2), CT (2), DE, IN, LA (2), MA, NY, OH, PA (2), VT	-- 14
2701.	1911	-- diphtheria, esp. Chicago, NYC, Philadelphia, Boston	--1,281
2702.	1911	-- measles, NYC, NY	-- 659
2703.	1911	-- polio, US registration area (63.1%), esp. OH/137, NY/101, PA/93, IN/69, KY/61	--1,060
2704.	1911	-- scarlet fever, NYC, NY	-- 741
2705.	1911	-- smallpox, 29 reporting States and DC, esp. TX/51, KS/26, and CA/10	-- 134
2706.	1911	-- typhoid fever, PA	--1,716
2707.	1911	-- Jan 10, barges <i>Trevorton</i> , <i>Corbin</i> , <i>Pine Forest</i> wreck, Cape Cod, MA	-- 17
2708.	1911	-- Jan 21~, Gloucester sch. <i>Ella M. Goodwin</i> departs Bay of Islands, NFL, lost	-- 10
2709.	1911	-- Jan 31, suffocation, tunnel caisson, pontoon, Passaic River, Newark, NJ	-- 12
2710.	1911	-- Feb 01, dynamite explosion, Central Rail of NJ terminal, Communipaw, NJ	--24-35
2711.	1911	-- Feb 06, explosion, Pluto Powder Co., near Winthrop & Ishpeming, MI	-- 10
2712.	1911	-- Feb 08, boiler explosion, MO, KS & TX Rail roundhouse, Smithville, TX	-- 12
2713.	1911	-- Feb 09, explosion, Cokedale Coal Mine, near Trinidad, CO	-- 17
2714.	1911	-- Feb 23, Belmont Gold/Silver Mine fire and asphyxiations, Tonopah, NV	-- 17
2715.	1911	-- Mar 07, avalanches, Mono County, CA	-- 17
2716.	1911	-- Mar 09, powder explosion, Laffin Rand Powder Co., Pleasant Prairie, WI	-- 40
2717.	1911	-- Mar 09-15, violence, race strike, Queen & Crescent Rail, KY, TN	-- 20
2718.	1911	-- Mar 11, avalanche, Hydro-Electric Company plant, Jordan, NV	-- 11
2719.	1911	-- Mar 11, ore landslide, Norman Open Pit Iron Mine, Virginia, MN	-- 14
2720.	1911	-- Mar 15, structural collapse, J.H. Fall & Co. Bldg., 3 <sup>rd</sup> Ave., Nashville, TN	-- 13
	1911	-- Mar 18, coal mine explosion, Mineral, KS	-- 5
2721.	1911	-- Mar 25, fire, Triangle Shirtwaist Company, Asch Building, NYC, NY	--146-147
2722.	1911	-- Mar 25, Dixie Flyer train breaks axle, derails on trestle, near Ocilla, GA	-- 9-10
2723.	1911	-- Apr 07, mine fire, Price-Pancoast Coal Mine, Throop (near Scranton), PA	--73-74
2724.	1911	-- Apr 08, Banner Coal Mine explosion, Pratt Consolidated, Littleton, AL	--128-129
2725.	1911	-- Apr 12, tornadoes, AR, KS, OK, OK-KS-MO	-- 14
2726.	1911	-- Apr 24, mine explosion, Ott No. 20 Coal Mine, Elk Garden, WV	-- 23
2727.	1911	-- Apr 29, train derailment, Penn. Railroad, Martin's Creek Station, NJ	-- 12
2728.	1911	-- May, septic sore throat (from hemolytic streptococcus in milk), Boston, MA <sup>74</sup>	--38-48
2729.	1911	-- May 29, trains collide, Chicago, Burlington & Quincy RR, ~McCook, NE	-- 18
2730.	1911	-- June 12, storm, fishing boats capsized, James River & Hampton Roads, VA	-- 15
2731.	1911	-- June 24, drownings, Pensacola, FL	-- 10
2732.	1911	-- June 24, <i>City of St. Joseph</i> flue collapse, Miss. River, Presidents Island, TN	--20-22
2733.	1911	-- June 30, collapse of pumping station roof, Buffalo, NY	-- 9-10
2734.	1911	-- heat waves/excessive heat deaths, esp. June 4-23, July 1-13, esp. MW, NE	~2,190
	1911	-- July 04, swimming drownings, NYC, NY	-- 9
2735.	1911	-- July 04, swimming drownings, greater Philadelphia, PA	-- 12
2736.	1911	-- July 07, steamer <i>Santa Rosa</i> grounds, north of Point Arguello, CA	-- 12

<sup>74</sup> In "Tainted Food, Drugs, Medication" section of Typology.

2737.	1911 -- July 11, "Federal Express" train derailment, Burr Crossing, Bridgeport, CT --	14
2738.	1911 -- July 11, wildfire, northeaster Mich., esp. Au Sable, Oscoda on Lake Huron --	5-12
2739.	1911 -- July 15, Sykesville Mine explosion, Cascade Coal Co. Sykesville, PA --	21
2740.	1911 -- July 28, New England coastal storm, craft lost (esp. <i>Nokomis</i> ), esp. MA --	11
	1911 -- July 28, head-on train collision, Bangor & Aroostook RR, Grindstone, ME --	8-9
2741.	1911 -- Aug-Dec, tuberculosis, NYC, NY, IL, CA, IN, MA, NJ, PA, TX --	10,926
2742.	1911 -- Aug 25, train derailment, Lehigh Valley Railroad, Manchester, NY --	29
2743.	1911 -- Aug 26, schooner <i>Margaret A. May</i> founders, Kiawah Island, SC --	10
2744.	1911 -- Aug 26, trampling/suffocation, Opera House, Canonsburg, PA --	26
2745.	1911 -- Aug 27-29, hurricane, FL (1), GA, SC (28) (includes schooner <i>May</i> loss) --	29
2746.	1911 -- Sep 16, race car crashes through fence, Syracuse State Fair, NY --	10
2747.	1911 -- Sep 24, train collision with hay wagon at crossing, Neenah, WI --	15
2748.	1911 -- Sep 28, Shakespeare Placer Gold Mine shaft cave-in, Dome Creek, AK --	14
2749.	1911 -- Sep 30, Bayliss Dam failure, Freeman Run Valley, Austin, PA --	149
2750.	1911 -- Oct 19, Wharton Iron Mine shaft flood, Hibernia, NJ --	12
2751.	1911 -- Oct 28, train wreck, Union Pacific Railroad, near Cheyenne, WY --	20
2752.	1911 -- Oct-June 08, 1912, meningitis epidemic, TX MO & OK --	740
2753.	1911 -- Nov 11, tornadoes (3), Mason, IL; Rock, WI; Shiawassee, MI --	13
2754.	1911 -- Nov 12, storm, steam-barge lost off NY Harbor, NY --	14
2755.	1911 -- Nov 18, Bottom Creek Coal Mine explosion, Vivian, WV --	18
2756.	1911 -- Dec 09, Cross Mountain Coal Mine explosion, Briceville, TN --	100
2757.	1911 -- Dec 18, trains collide, Chicago, Milwaukee, St. Paul RR, Odessa, MN --	12
2758.	1912 -- anthrax, DE, KY (3), MA (2), MN, MO, NJ, NY, OH (3), PA (4) --	17
2759.	1912 -- diphtheria, the year, NYC, NY and PA, especially Philadelphia --	1,125
2760.	1912 -- measles, US "registration area" (~65% population), NYC (671) --	4,240
2761.	1912 -- polio, acute anterior, code 63; Census "registration area" was 63.2% of pop.--	1,081
2762.	1912 -- scarlet fever, NYC, NY --	615
2763.	1912 -- smallpox, 35 States/DC, esp. TX/128, Pittsburgh/33, CA/16-19, VA/19 --	301-307
2764.	1912 -- tuberculosis Jan 01-June 8,, CA, IL, IN, MA, MO, NJ, NYC, PA, TX, WI --	17,463
2765.	1912 -- typhoid fever, Pennsylvania --	1,310
2766.	1912 -- Jan 03-19 esp., cold waves/snow/blizzards, esp. IL/36, NY/31, OH/14, PA/31--	228
2767.	1912 -- Feb 18-June 08, meningitis outbreak, especially Kansas City, MO --	186
2768.	1912 -- Feb 20, tornadoes (2), Caddo, Bossier, Claiborne Counties, LA --	12
	1912 -- Feb 22, coal mine fire, Wichita Coal and Mining Co. No. 5, Lehigh, OK --	9
2769.	1912 -- Feb 25, tornadoes, Lincoln, Jefferson, Arkansas, Lee Counties, AR --	14
2770.	1912 -- Feb 29, steamer <i>J.E. Trudeau</i> Burns, Belle River, LA --	10
2771.	1912 -- Mar 15, Gloucester schooner <i>Patrician</i> founders, Jordan Bay, Nova Scotia --	10
2772.	1912 -- Mar 18, train engine boiler explosion, South Pacific Yard, San Antonio TX --	36
2773.	1912 -- Mar 20, explosion, McCurtain #2 Mine, San Boise Coal, McCurtain, OK --	73
2774.	1912 -- Mar 24-June 8, pneumonia, Chicago, IL, NYC, NY --	4,342
2775.	1912 -- Mar 26, mine explosion, Jed Coal Mine, Jed, WV --	83
2776.	1912 -- late Mar-May, flooding/levee failures/boats capsized, esp. MS River, esp. LA, MS--	200
	1912 -- Apr 03, 1 <sup>st</sup> recorded plane fatality due to bird strike, C. P. Roger --	1
2777.	1912 -- Apr 14, RMS <i>Titanic</i> hits iceberg and sinks, North Atlantic --	119 US of ~1,517
2778.	1912 -- Apr 20, tornadoes (9), KS, OK, TX --	17



2779.	1912 -- Apr 21, tornadoes (6), IL, IL-IN, IN	-- 30
2780.	1912 -- Apr 27, tornadoes (7), OK	-- 29
2781.	1912 -- Apr 30-May 08, levee-breaks/flooding, esp. Pointe Coupee Parish, LA	--12-20
	1912 -- May 06, train derailment (poorly maintained roadbed) ~Eastabuchie, MS	-- 9
	1912 -- June 10, family and two girls murdered in sleep with axe, Villisca, IA	-- 8
2782.	1912 -- June 15, tornado, Linn, Miami Counties, KS; Bates, Cass Counties, MO	-- 11
2783.	1912 -- June 18, mine explosion, Hastings Coal Mine, Hastings, CO	-- 12
2784.	1912 -- June 23, pier/dock collapse, Eagle Park, Niagara River, near Buffalo, NY	-- 39
2785.	1912 -- July 04, trains collide, DE, Lackawanna & Western RR, East Corning NY	-- 41
2786.	1912 -- July 05, trains collide, Ligonier Valley Railroad, Ligonier, PA	-- 23
2787.	1912 -- July 07, dynamite explosion, Eureka Pit Copper Mine, Ely, NV	-- 10
2788.	1912 -- July 14, trains collide, Chicago, Burlington & Quincy, Western Springs, IL	-- 13
2789.	1912 -- July 24, flooding, Superba and Lemont Coal Mine, Evans Station, PA	-- 18
2790.	1912 -- July 24, cloudbursts, flooding, Southwestern PA, and WV	-- 60
2791.	1912 -- Aug 13, mine explosion, Abernant Coal Mine, Abernant, AL	-- 18
2792.	1912 -- Sep 02, storms, flooding, PA, OH, WV	-- 36
2793.	1912 -- Oct 03, train derailment, NY, New Haven and Hartford, Westport, CT	-- 12
	1912 -- Oct 07, racing cars collide, Thirty-third Street Bridge, Philadelphia, PA	-- 9
	1912 -- Oct 30, fire, St. John's Orphanage, San Antonio, TX	-- 7-8
2794.	1912 -- Nov 11, trains collide, Yazoo & Mississippi Valley RR, Montz, LA	-- 15
2795.	1912 -- Nov 13, trains collide, Indianapolis, IN	-- 15
	1912 -- Nov 19, passenger trains collide near Granite, NC	-- 7
2796.	1912 -- Nov 23, schooner <i>Rouse Simmons</i> sinks, Lake MI storm, 12m NE Two Rivers WI	17
2797.	1912 -- Nov 25, corn starch dust explosion, Corn Products Co., Waukegan, IL <sup>75</sup>	--14-15
2798.	1912 -- Dec 03, trains collide, Dresden, OH	-- 11
2799.	1912 -- Dec 15, schooner <i>S.O. Co. No. 87 Founders</i> , Gulf of Mexico	-- 10
2800.	1913 -- anthrax, CA, CT, DE/2, MA/3, MN, MO, NY/4, OH, PA/8, VA, WA, WI	-- 25
2801.	1913 -- diphtheria and croup, NYC, NY	--1,333
2802.	1913 -- measles, US "registration area" (65.1%), esp. PA/1,578, NY/1,120, OH/679	--8,108
2803.	1913 -- polio, acute, esp. June-Sep (Sep peak), US "registration area" (65.1% pop.)	-- 864
2804.	1913 -- scarlet fever, NYC, NY	-- 507
2805.	1913 -- heat, esp. June 25-July 1, esp. PA/237, OH/178, MO/114, IL/92, NY/80	--1,226
2806.	1913 -- Jan 01-25, steamer <i>El Dorado</i> lost, from Sparrow Point MD to Galveston TX	--39
2807.	1913 -- Jan 03, fog, steamer <i>Julia Luckenbach</i> collision/sinks, ~Tangier Island, VA	-- 16
2808.	1913 -- Jan 07, <i>Rosecrans</i> grounds, mouth of Columbia River, Peacock Spit, OR	--30-36
2809.	1913 -- Jan 09, <i>Jas. T. Staples</i> boiler explosion, Tombigbee River, ~Mobile, AL	--15-16
2810.	1913 -- Feb 10, miners and mine guards clash, near Mucklow, Kanawha Ct. WV	-- ~16
2811.	1913 -- Feb 28, Dewey Hotel fire and possible gas explosion, Omaha, NE	-- 5-20
2812.	1913 -- Mar 07, harbor/ship ( <i>Alum Chine</i> ) dynamite explosion, Baltimore, MD	-- 55
2813.	1913 -- Mar 13/14, tornado outbreak, AL, AR, GA, LA, MS, TN, TX	-- 78
2814.	1913 -- Mar 21, tornadoes (4), AL	-- 34
2815.	1913 -- Mar 21, tornadoes (3), MS	-- 14
2816.	1913 -- Mar 23, Easter Sunday tornados, LA, MO, esp. Omaha, NE, IN, IA	--194-196

<sup>75</sup> Fourteen explosion/fire worker deaths. Young pregnant woman searching for body of relative she had been told had been killed (incorrectly) fainted at undertakers upon seeing mutilated bodies; died several days later in hospital.

2817. 1913 -- Mar 23-27, Ohio Valley flooding, dam/levee failures, esp. OH & IN --593-670
2818. 1913 -- Apr 6, grounded barque *Mimi* knocked over during salvage, Nehalem Spit, OR--18
2819. 1913 -- Apr 23, coal mine explosion, Cincinnati Coal Mine, Finleyville, PA -- 115
2820. 1913 -- May 02, steamer *Concordia* hits RR bridge, Tensas River, Clayton, LA -- 22
2821. 1913 -- May 14, storm/tornadoes, esp. Tamora, McCool Junction, Seward, NB -- 8-14
2822. 1913 -- May 17, explosion, Imperial Mining Co., Noble Coal Mine, Belle Co., OH-- 15
2823. 1913 -- May 24, Pine Ave. Municipal Pier/Auditorium collapse, Long Beach, CA --40-47
2824. 1913 -- June 09, whaling steamer *A. T. Gifford* leaves New Bedford, MA, lost at sea-- 15
2825. 1913 -- June 19, electric trains collide, S.F., Napa & Calistoga RR, ~Vallejo, CA -- 13
2826. 1913 -- June 24, dust explosion, Husted Milling Feed Grinding Plant, Buffalo, NY-- 33
2827. 1913 -- June 28, raft ferry sinks, drownings, Kiskiminetas River, near Leechburg, PA--10
2828. 1913 -- June 30, walkway/gangway failure, drownings, Merrimac Ri., Lawrence, MA--11
2829. 1913 -- July 13, Pacific Electric RR trains collide, ~Vineyard Station, L.A., CA -- 16
2830. 1913 -- July 21, fire, convict cage, Oakley Convict Farm, Hinds County, MS -- 35
2831. 1913 -- July 22, fire, Binghamton Clothing Company, New York City, NY -- 35
2832. 1913 -- Aug 02, mine explosion, East Brookside Coal Mine, Tower City, PA -- 20
2833. 1913 -- Aug 17, SF steamer *State of California* hits rock/sinks, Gambier Bay, Admiralty Is. AK--31-32
- 1913 -- Sep 01, Labor Day Race wreck, State Fair Grounds, Nashville, TN -- 4
2834. 1913 -- Sep 02, fog, trains collide, NY, New Haven, Hartford RR, North Haven, CT-- 21
2835. 1913 -- Sep 28, rampage shooting spree, brothers on cocaine, Lynching, Harriston, MS-11-12
2836. 1913 -- Oct 23, thundersqualls, severe local storms, tornado, southern LA -- ~11
2837. 1913 -- Oct 19, train derailment, Buckatunna, MS -- 17
2838. 1913 -- Oct 22, Stag Canon No. 2 coal mine over-blast & dust explosion, Dawson NM-263
2839. 1913 -- Nov, Dominion Line collier *Bridgeport* lost, St. Lawrence River, Canada -- 26
2840. 1913 -- Nov 8-10, Great Lakes storm, esp. Lake Huron, 12 crews lost--US 172-192 of 254-277
- |         |                             |            |   |
|---------|-----------------------------|------------|---|
| --14-28 | <i>Argus</i>                | Nov 9      |   |
| -- 28   | <i>Charles S. Price</i>     | Nov 9      | Lake Huron, off Port Huron, MI              |
| --23-26 | <i>Henry B. Smith</i>       | Nov 9-10   | Lake Superior, north of Marquette, MI       |
| --24-28 | <i>Hydrus</i>               | Nov 9      |   |
| -- 28   | <i>Isaac M. Scott</i>       | Nov 10     | 7M NE of Thunder Bay Island, MI             |
| -- 25   | <i>James C Carruthers</i>   | Nov 11     | Canadian                                    |
| --23-28 | <i>John A McGean</i>        | Nov 8      |   |
| -- 18   | <i>Leafield</i> , freighter | Nov 8      | Canadian; aground at Angus Island, Ontario. |
| -- 6    | <i>Lightship #82</i>        | Nov 10     | Lake Erie                                   |
| -- 7-9  | <i>Plymouth</i>             | Nov 8      |   |
| -- 20   | <i>Regina</i>               | Nov 10-11, | Lake Huron; Canadian; off Harbor Beach, MI  |
| --17-21 | <i>Wexford</i>              | Nov 11     | Canadian; Lake Huron, near Goderich         |
| -- 3    | <i>William Nottingham</i>   | Nov 11     |   |
2841. 1913 -- Nov 13, three train coaches derail down embankment, near Clayton, AL -- ~10
2842. 1913 -- Nov 18, mine explosion, Acton No. 2 Coal Mine, Acton, AL -- 24
2843. 1913 -- Dec 01-5, floods/levee failures, Brazos, other valleys, cent., east, coast TX-- 187
2844. 1913 -- Dec 02, fire, Arcadia Boarding House ("Hotel"/flop house), Boston, MA -- 28
2845. 1913 -- Dec 16, mine explosion, Vulcan Coal Mine, New Castle, CO -- 37
2846. 1913 -- Dec 24, crushing/trampling, Italian Hall, Calumet, MI --73-75
2847. 1913 -- Dec 26, barges *A.G. Ropes & Undaunted* founder, off Barnegat NJ -- 10

2848. 1914 -- anthrax, CA, CT, DE, LA, ME, NE, NJ (2), NY, OH (2), PA (6), VA, WI -- 19  
2849. 1914 -- diphtheria and croup, especially children, NYC, NY --1,489  
2850. 1914 -- influenza and pneumonia, NYC, NY --10,500  
2851. 1914 -- measles; US state and local "registration area" (66.8% of pop.), esp. DE/AL--4.461  
2852. 1914 -- polio (acute anterior), esp. late sum.-fall, esp. children, esp. NY/88, PA/65, VT/54--720  
2853. 1914 -- scarlet fever, especially children, NYC, NY -- 451  
2854. 1914 -- Jan 04, steamer *Oklahoma* breaks-up/sinks/rough sea, off Sandy Hook, NJ --26-32  
2855. 1914 -- Jan 10, mine explosion, Rock Castle Coal Mine, Rock Castle, AL -- 12  
2856. 1914 -- Jan 30, steamers *Monroe* & USS *Nantucket* collide, fog off Hog Island VA -- 41  
1914 -- Feb 25~, wood alcohol poisoning, Italian Wedding Party, NYC, NY -- 3  
2857. 1914 -- Mar 08, fire, wall fall (17<sup>th</sup>) Missouri Athletic Club (lodging), St. Louis, MO<sup>76</sup>--37  
2858. 1914 -- Apr 20, Ludlow Massacre, Colorado NG attacks strikers, Ludlow, CO --18-25  
2859. 1914 -- Apr 28, New River Coal Mine Nos. 5 & 6 gas & dust explosions, Eccles, WV- 183  
2860. 1914 -- Apr 28, steamer *Benjamin Noble* sinks, Lake Superior gale, ~Knife Isl. MN--16-20  
2861. 1914 -- May 11, boiler scalding, steamer *Jefferson*, from Norfolk, VA to NYC -- 11  
2862. 1914 -- May 15, chemical explosion, Mexican Crude Rubber Co., Detroit, MI -- 10  
2863. 1914 -- May ~15, steamer *F.J. Luckenbach*, FL to Baltimore, lost off coast of SC? -- 29  
2864. 1914 -- July 4, gas launch *Superba/Superb* capsizes, storm, Lynn Canal ~Skagway, AK-15  
2865. 1914 -- Aug 05, trains collide/fire, KC and S. MO RR, Tipton Ford/Joplin MO -- 43  
1914 -- Aug 21, F3 tornado, Luzerne County, PA -- 7  
2866. 1914 -- Aug 26, fog, steamers collide, *Admiral Sampson* sinks, Puget Sound, off Pt. No Pt., WA-12-16  
2867. 1914 -- Sep 04, cave-in, No. 1 Coal Mine, Adamson, OK -- 13  
2868. 1914 -- Sep 15, flooding, bridge washout, train derails, Lebanon, MO -- 28  
2869. 1914 -- Sep 17, cave-in, Centennial-Eureka Gold Mine, Eureka, UT -- 11  
2870. 1914 -- Sep 18, sabotage, train derailment, Livingston, AL -- 10  
2871. 1914 -- Sep 18, steamer *Francis H. Leggett* founders in storm off Coast of OR -- ~65  
2872. 1914 -- Oct 05, mine explosion, Mulga Coal Mine, Mulga, AL -- 16  
2873. 1914 -- Oct 09, tornadoes (4), Elk, Wilson, Cherokee KS; Ottawa County, OK -- 12  
2874. 1914 -- Oct 27, mine explosion, North No. 1 Coal Mine, Royalton, IL -- 52  
2875. 1914 -- Oct 31, schooner *Lizzie Lee* leaves New Bedford MA for Cape Verde, lost -- 11  
2876. 1914 -- Nov 19, storm, steamer *C.F. Curtis*/two barges sink near Grand Marais, MI--27-28  
--14 steamer C. F. Curtis  
-- 7 schooner-barge *Annie M. Peterson*  
-- 7 schooner-barge *Seldon E. Marvin*  
2877. 1914 -- Nov 23, steamer *Hanalei* grounds, Duxbury Reef, Bolinas Point, CA -- 23  
2878. 1914 -- Dec 09, mining cage falls, Tripp Coal Mine, Scranton, PA -- 13
2879. 1915 -- anthrax, CA/2, CO, CT/3, IN, LA, MA/4, MN/2, MT, NJ, NY/14, PA/4, UT-- 35  
2880. 1915 -- diphtheria and croup, the year, NYC, NY --1,278  
2881. 1915 -- measles, the year, NYC, NY -- 630  
2882. 1915 -- polio, esp. late summer-fall, US registration area (67-1% pop.) esp. children-- 691  
2883. 1915 -- scarlet fever, the year, NYC, NY -- 291  
2884. 1915 -- Jan 24/5, schr. yacht *Idler* grounds, Diamond Shoals, ~Cape Hatteras, NC --12-15  
2885. 1915 -- Feb 06, mine explosion, Carlisle Coal Mine, Oak Hill, WV --20-22  
2886. 1915 -- Feb 17, gas explos., Oakwood Shaft, Prospect Coal Mine, Wilkes-Barre, PA-- 13

<sup>76</sup> Thirty fatalities from the March 8<sup>th</sup> fire and 7 fatalities from the March 17<sup>th</sup> Missouri Athletic Club wall fall.

	1915 -- Feb 18, New Home coal mine shaft number 2 explosion, Rich Hill, MO	--	5
2887.	1915 -- Mar 02, explosion, New River/Layland No. 3 Coal Mine, Layland, WV	--	119
	1915 -- Mar 06, Monroe Phillips shooting rampage/kills 6, is shot, Brunswick, GA	--	7
2888.	1915 -- Mar 25, submarine <i>Skate</i> (F-4) sinks, near Honolulu Harbor, HI	--	21
2889.	1915 -- Apr 03, storm, Steamer <i>Prinz Maurits</i> lost off Cape Hatteras, NC	--	49
2890.	1915 -- Apr 03, storm, <i>Cumberland</i> and two barges wreck, Cape Henlopen, DE	--	10
2891.	1915 -- Apr 03, steamer <i>Edward Luckenbach</i> founders, False Capes, VA	--	14-15
2892.	1915 -- Apr 05, explosion, Shoal Creek/Panama No. 1 Coal Mine, Panama, IL	--	11
2893.	1915 -- Apr 05, gale, schooner <i>John B. Manning</i> found bottom-up 20m N, Hatteras NC	--	10
2894.	1915 -- Apr 23, flash flood, Austin, TX	--	35
2895.	1915 -- May 06, tornadoes, MS, LA, TN	--	16
2896.	1915 -- May 07, tornadoes, SC and MS	--	10
2897.	1915 -- May 07, RMS <i>Lusitania</i> torpedoed by German submarine (1,198 killed)	--	US 128
	1915 -- May 24, gas explosion, Mine 1, Smokeless Valley Coal Co., ~Johnstown, PA	--	9
2898.	1915 -- June 12, tornadoes, Alamance, Sauk Counties WI; Crawford County, IA	--	10
2899.	1915 -- July 07, tornadoes/windstorms, IL/1, IN/3, KY/1, MO/7, Cincinnati OH/38	--	50
2900.	1915 -- July 24, crowded SS steamer <i>Eastland</i> rolls-over at dock, Chicago, IL	--	812-844
	1915 -- July 27, explosion, Mine No. 1, United Coal Co., Christopher, IL	--	9
	1915 -- July 30, mine-car accident, Patterson No. 2 Coal Mine, Elizabeth, PA	--	9
2901.	1915 -- Aug 03, cloudburst, flash flood, drownings, Mill Creek, Erie, PA	--	29-45
2902.	1915 -- Aug 14-15, United Fruit Co. steamer <i>Marowijne</i> sinks/hurricane, Gulf of Mex	--	87-98
2903.	1915 -- Aug 16-17/19-20, hurricane/trop. storm, Gulf, SE TX coast, remnant, MO	--	453-510
2904.	1915 -- Aug 20, flooding, St. Louis and vicinity, MO	--	10
2905.	1915 -- Aug 22~, Boston schooner <i>Maude Palmer</i> sinks, Gulf of Mexico	--	11
2906.	1915 -- Aug 31, coal mine explosion, Orenda Coal Mine, Boswell, PA	--	19
2907.	1915 -- Sep 27, explosion, gasoline rail tank car, Ardmore, OK	--	40-44
2908.	1915 -- Sep 29-Oct 01, hurricane, LA and MS Coasts	--	275-279
2909.	1915 -- Oct 16, flash flooding, bridge fails, train derails, Randolph, KS	--	11
2910.	1915 -- Oct 19, dynamite explosion, Granite Mountain Copper Mine, Butte, MT	--	16
	1915 -- Oct 19, trains collide, Agawam Curve, near Chickasha, OK	--	8
2911.	1915 -- Oct 25, fire, Union Paper Box Company, Sandusky Street, Pittsburgh, PA	--	14
2912.	1915 -- Oct 28, fire, trampling, St. John's Parochial School, Peabody, MA	--	21
2913.	1915 -- Nov 02, steamer <i>Santa Clara</i> grounds, unchartered shoal, Coos Bay Bar, OR	--	12-16
2914.	1915 -- Nov 06, fire, Essex Waist Company, Diamond Factory, Brooklyn, NY	--	12
2915.	1915 -- Nov 10, tornado, Pawnee and Barton Counties, KS	--	11
2916.	1915 -- Nov 16, dust explosion, Pacific Northwestern Coal Mine, Ravensdale, WA	--	31
2917.	1915 -- Nov 22, circus and passenger trains collide, near Columbus, GA	--	11
2918.	1915 -- Nov 25, tornado, Garland County, AR	--	11
2919.	1915 -- Nov 30, explosion, Hanna Coal Co. Boomer Mine, Boomer, WV	--	23
2920.	1915 -- Nov 30, explos., Upper Hagley Yard, du Pont Powder Co., ~Wilmington, DE	--	31
2921.	1915 -- Dec 17, tornado, Lauderdale and Kemper Counties, MS, Millport, AL	--	~10
2922.	1915 -- Dec 23, NY steamer <i>Orleanian</i> leaves NYC for Malta, not heard from again	--	36
2923.	1915 -- Dec-Jan 1916, Influenza & Pneumonia, LA, MD, NJ, NY, OH, PA, RI, WI	--	22,002
2924.	1916 -- anthrax, CT, IL, KY/2, MA/5, MI/2, MO, NY/4, NC/2, PA/7, TX/2, WA	--	28
2925.	1916 -- diphtheria, especially children, nationwide, esp. PA, NY, MI	--	>8,000-17,000

2926. 1916 -- influenza --18,886
2927. 1916 -- Archer Home for Elderly poison murders, Winsor, New Haven County, CT-- 10
2928. 1916 -- freight steamer *Frederick* lost at sea, North Atlantic -- 33
2929. 1916 -- Jan 04, oil tank steamer *Aztec Norge* gas fumes explosion, Erie Basin, NY -- 13
2930. 1916 -- Jan 05, steamer *Kanawha* hits tower, storm, capsizes, OH Ri. ~Parkersburg, WV--16
2931. 1916 -- Jan 10, mass murder, Americans on train 50 mi W. Chihuahua City, MX --16-17
2932. 1916 -- Jan 14-30, heavy rain, So. CA flooding, Lower Otay Dam failure, CA --22-60
2933. 1916 -- Jan 18, heavy rain, flooding, Iao Valley, especially Wailuki, Maui, HI --13-14
2934. 1916 -- Jan 18, gale, Can. halibut trawler *Onward Ho* lost (icing capsized) ~Cape Fairweather, AK--34  
1916 -- Jan 22, avalanche hits Cascade Ltd. train, Cascades, ~Corea Station, WA -- 7-8
2935. 1916 -- Feb 02, steamer *Sam Brown* boiler explosion, Huntington, WV -- 11  
1916 -- Feb 08, gas explos., Lance mine, Lehigh/Wilkes-Barre Coal Co., Plymouth, PA-7
2936. 1916 -- Feb 11, mine explosion, Ernest No. 2 Coal Mine, Ernest, PA -- 27
2937. 1916 -- Feb 14, mine fire, Pennsylvania Copper Mine, Butte, MT -- 21
2938. 1916 -- Feb 16, gas explos., Opera House collapses on Hitt Restaurant, Mexia, TX-- 9-10
2939. 1916 -- Feb 22, three train collision, near Milford, CT -- 10
2940. 1916 -- Feb 29, Davis Coal & Coke Co., Mine No. 42 dust explos., ~Kempton, MD-- 16
2941. 1916 -- Mar 06, jail fire, "El Holocausto," or the "Jail Holocaust," El Paso, TX --18-30
2942. 1916 -- Mar 09, Pancho Villa attacks Columbus, NM -- 18  
1916 -- Mar 5-6, Daniel Okane kills family (7) and commits suicide, Lawton, OK -- 8
2943. 1916 -- Mar 24, tornadoes, Garvin, Murray and Pontotoc counties, OK -- 10  
1916 -- Mar 26, fire, San Antonio Country Club, San Antonio, TX -- 6
2944. 1916 -- Mar 28, mine explosion, King Coal Co., Mine No. 28, Vivian, WV -- 10
2945. 1916 -- Mar 29, three train collision in fog, NY Central Railroad, ~Amherst, OH -- 27  
1916 -- Mar 30, explos., Robindale mine, Conemaugh Smokeless Coal, Seward, PA-- 8
2946. 1916 -- Apr 07, schooner *Bertha L. Barker* lost, out of New York City, NY -- 13
2947. 1916 -- Apr 19, tornadoes, Bourbon County, KS; six counties in MO -- 11
2948. 1916 -- May 8, freighter *Kirby* sinks, Lake Superior storm 8m no. of Eagle Harbor MI-20
2949. 1916 -- May 9, steamer *Roanoke* founders off Point Buchon ~San Luis Obispo, CA-- 47
2950. 1916 -- May 10, explosion, fire, trampling, theater, Wallacetown, VA --13-26
2951. 1916 -- May 15, dynamite blast, adjacent site, Crystal Rest. collapses, Akron, OH -- 9-10
2952. 1916 -- May 15, TNT explos., Repauno Plant/DuPont Powder Co., Gibbstown, NJ--11-14
2953. 1916 -- May 20, tornadoes (2), TX and TX-OK (Kemp) -- 11
2954. 1916 -- June 05, tornado outbreak (34), AR, IL, MO, MS, TN, steamer *Eleonore* --76-160
2955. 1916 -- June 06, tornado, Hinds and Madison counties, MS -- 13  
1916 -- June 13, dust explosion, grain elevator, Central Elevator Co., Baltimore, MD-- 9
2956. 1916 -- June 18-Aug 22, heat waves, esp. Chicago, Detroit, Milwaukee, St. Louis -- ~895
2957. 1916 -- July-Sep esp. polio, esp. NYC/NY (3,331), NJ (1,180), PA (414) --6,745->7,000
2958. 1916 -- July 02, powder explosion, Aetna Explosives Co., Emporium, PA -- 11
2959. 1916 -- July 04-10, hurricane, Gulf of Mexico and Gulf States -- 34
2960. 1916 -- July 14, steel steamer *Ramos*, from Philadelphia, founders off Coast of NC-- 11
2961. 1916 -- July 15-16, tropical storm, flooding SC, VA, TN, WV, esp. NC --26-80
2962. 1916 -- July 17, steamer *C.W. Morse* leaves NY, NY, not heard from again -- 25
2963. 1916 -- July 22, bombing, Preparedness Day Parade, San Francisco, CA -- 10
2964. 1916 -- July 24, gas explosion, Cleveland Waterworks Tunnel, Cleveland OH --21-23  
1916 -- July 30, sabotage, Black Tom Munitions Depot, NY Bay, Jersey City, NJ -- 7

2965. 1916 -- Aug 02-03, cloudburst, Mill Dam fails, flash flood, ~New Tazewell, TN --27-38
2966. 1916 -- Aug 09, flash floods, Cabin Creek, Coal Ri., Paint Creek, Mud Riv., WV--60-100
2967. 1916 -- Aug 12, runaway trolley car collision near Ebensburg and Johnstown, PA --26-27
2968. 1916 -- Aug 16, storm, steamer *Admiral Clark* founders off San Antonio, TX -- 20
2969. 1916 -- Aug 18, hurricane, south Texas, especially greater Corpus Christi area, TX--15-20
2970. 1916 -- Aug 29, cruiser USS *Memphis* driven to shore by giant waves, Dom. Rep. -- 41
2971. 1916 -- Oct 01, freight train and street car (trolley) crossing collision, Detroit, MI --10-14
2972. 1916 -- Oct 05, fire, Christian Brothers College, St. Louis, MO -- 10
2973. 1916 -- Oct 15, trains collide, Burlington Railroad, Elwood, near Smithfield, NE -- 11
- 1916 -- Oct 17, fire/poisonous fumes, Oakes Manufacturing Co., Long Island City, NY- 9
2974. 1916 -- Oct 19, explosion, Jamison Coal & Coke Co. Mine, Barrackville, WV -- 10
2975. 1916 -- Oct 20/21, "Black Friday Storm" *Colgate, Flyer, Merida* sink, Lake Erie --54-59
- 1 barge *Bell*
- 6 schooner *D. L. Flyer*
- 24-26 whaleback *James B Colgate*
- 23-26 freighter *Merida*
2976. 1916 -- Oct 22, explosion, Marvel (Roden Mine) Coal Mine, Marvel, AL -- 18
2977. 1916 -- Nov 04, mine explosion, Bessie Coal Mine, Palos, AL -- 30
- 1916 -- Nov 5, labor violence, IWW workers & local law enforcement, Everett, WA-- 7
2978. 1916 -- Nov 7, train goes through open drawbridge, ~South Station, Boston, MA -- 50
2979. 1916 -- Dec 13, mine explosion, Fidelity No. 9 Coal Mine, Stone City, KS -- 20
- 1916 -- Dec 22, fire, Kansas Masonic Charity Home, Wichita, KS -- 5
2980. 1916 -- Dec 26, tornadoes (2), AR -- 17
2981. 1916 -- Dec 26, steamer *Maryland* lost at sea, Atlantic, 300 miles off NY --26-34
2982. 1917 -- anthrax, esp. CA/6, CO/2, KS/2, MA/11, NJ/6, NY/12, PA/10, WI/2 -- 62
2983. 1917 -- influenza/12,974; Bronchitis/12,311; Pneumonia/74,874 --100,159-115,526
2984. 1917 -- polio, Census area (27 States/DC/43 cities), esp. Chicago/177 OH/128 VA/69  $\geq$ 1,182
2985. 1917 -- scurvy, New York City (15) and elsewhere in NY state (4) -- 19
2986. 1917 -- Jan 04, tornado, Vireton, Pittsburg County, OK -- 17
2987. 1917 -- Feb 02, gas explosion and fire, tenement buildings, Chicago, IL -- 14
2988. 1917 -- Feb 23, tornadoes, Hale, Perry, Elmore, Coosa, Clay Counties, AL -- 16
2989. 1917 -- Feb 27, trains collide in fog at night, Pennsylvania RR, Mount Union, PA -- 20
2990. 1917 -- Feb 25, avalanche (snow), North Star Mine, Hailey, ID -- 16
2991. 1917 -- Mar 06, ship *Timandra* lost at sea after leaving Norfolk, VA -- 19
2992. 1917 -- Mar 11, tornadoes, Newcastle/21, Millville/1, Hagerstown/2, IN, Cincinnati OH/4- -28
2993. 1917 -- Mar 13, explosion, Hendersonville No. 1 Coal Mine, Hendersonville, PA -- 14
2994. 1917 -- Mar 16, ship *Vigilancia* (NY to Archangel) torpedoed, German Sub<sup>77</sup> -- 15
2995. 1917 -- Mar 21, steamer *Healdton* torpedoed by German submarine, North Sea<sup>78</sup> -- 19
2996. 1917 -- Mar 23, tornadoes, IL, Jefferson Co., KY, esp. New Albany, Floyd Co., IN-- 46
2997. 1917 -- Mar 26-27, tornadoes (2), Pike, Crenshaw, Hale Counties, AL -- 10
2998. 1917 -- Apr 01, U.S. steamer *Aztec* torpedoed by German submarine off France<sup>79</sup> -- 29
2999. 1917 -- Apr 10, artillery shell munitions plant explosion (mostly girls), Eddystone PA--133

<sup>77</sup> U.S. was not at war at the time. Congress declared war on April 6, 1917.

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3000.	1917 -- Apr 27, mine explosion, Hastings Coal Mine, near Trinidad, CO	-- 121
3001.	1917 -- May 25, tornado, Sedgwick, Harvey, Marion Counties, KS	-- 23
3002.	1917 -- May 26, tornado, 7 counties, especially Coles County (Mattoon), IL	-- 101
3003.	1917 -- May 27, tornado, Miss. Co., AR, Lauderdale/Dyer/Gibson/Weakley, TN	-- 18
3004.	1917 -- May 27, tornado, Lake County, TN; Fulton, Hickman, Graves Co. KY	-- 67
3005.	1917 -- May 27, tornadoes (3), 12 counties, TN	-- 13
3006.	1917 -- May 27-28, tornadoes (7), AL	-- 50
3007.	1917 -- May 30, tornadoes (8), MO	-- 64
3008.	1917 -- summer to fall (esp.), excessive heat, New York City (530), State of NY	-- 665
3009.	1917 -- June 01, tornado, Coal County, OK	-- 14
3010.	1917 -- June 05, tornadoes, Shawnee/Jackson/Jefferson/Douglas Counties, KS	-- 10
3011.	1917 -- June 05, tornadoes, Cooper/Boone/Audrain/Wright/Ray/Carroll Counties MO	--34
3012.	1917 -- June 06, tornadoes, MI, PA, KY	-- 12
3013.	1917 -- June 08, Granite Mountain Speculator copper mine shaft fire, Butte, MT	--161-168
3014.	1917 -- June 13, sugar dust explosion/fire, Amer. Sugar Refining Plant, Brooklyn, NY	--12
3015.	1917 -- June 30, <i>Christopher Columbus</i> collision/water-tank falls, MKE Riv., WI	--15-18
3016.	1917 -- July 01, washout under track, trolley into Niagara River, Niagara Co., NY	-- 12
3017.	1917 -- July 01-03, especially July 2, East St. Louis Race Riots, IL	--48-200
3018.	1917 -- Aug 04, coal mine explosion, West Kentucky No. 7, Clay, KY	-- 62
3019.	1917 -- Aug 13, trains collide near North Branford, CT	-- 19
3020.	1917 -- Aug 23, 24 <sup>th</sup> Infantry (Black)/Camp Logan Mutiny/racial riot, Houston, TX	-- 20
3021.	1917 -- Sep 03, bark <i>Alice Knowles</i> founders 200 miles northeast of Bermuda	-- 31
3022.	1917 -- Sep 05, whaling brig <i>Viola</i> sails, not seen again, out of New Bedford, MA	-- 19
3023.	1917 -- Sep 28, trains collide near Kellyville, OK	-- 33
3024.	1917 -- Oct 10-Mar 08, 1918, smallpox epidemic, Eagle Pass, Maverick Co., TX	-- 33
3025.	1917 -- Nov 24, bomb explosion, Central Police Station, Milwaukee, WI	-- 10
3026.	1917 -- Nov 29, coal mine explosion, Old Ben No. 11, Christopher, IL	-- 18
3027.	1917 -- Dec 05, TNT explosion, Aetna Chemical Plant, Heidelberg ~Pittsburgh, PA	8-14
3028.	1917 -- Dec 08, storm, ship <i>Eugene F. Moran</i> founders off Atlantic City, NJ	-- 13
3029.	1917 -- Dec 15, explosion, Yukon Pocahontas Coal Co. Mine, Susanna, WV	-- 18
3030.	1917 -- Dec 17, submarine <i>F-1</i> collides with <i>F-3</i> , sinks off Coast of San Diego CA	-- 19
3031.	1917 -- Dec 20, mine explosion, No. 3 Coal Mine, Catoosa, TN	-- 11
3032.	1917 -- Dec 20, trains collide, Shepherdsville, KY	-- 51
3033.	1917 -- Dec 21, pneumonia, NYC	-- 56
3034.	1918-1920, influenza and pneumonia epidemic	--820,000-850,000
	1918 -- influenza and pneumonia epidemic (1918-1920 subset)	--430,000-543,482
	1919 -- influenza and pneumonia epidemic (1918-1920 subset)	--101,851-185,440
	1920 -- influenza and pneumonia (1918-1920 subset)	--141,609-220,798
3035.	1918 -- typhoid fever, 33 Reg. States/DC/PR, esp. TX/1057 PA/924 OH/771 LA/691	--9,100
3036.	1918 -- Jan 11, tornado, Pike, Houston counties (esp. Dothan & Webb), AL	-- 13
3037.	1918 -- Jan 11-12, extreme cold, snow, blizzards, wind, esp. Plains, Midwest, South	-- 43
3038.	1918 -- Jan 12, fire, boys dorm., Dwight Indian Mission School, Marble City, OK	-- 13
3039.	1918 -- Jan 14, train derailment and collision, Hammond, TX	-- 17
3040.	1918 -- Feb 21, mine cave-in, Amasa-Porter Iron Mine, Crystal Falls, MI	-- 17
3041.	1918 -- Feb 25, trains collide, near Frost Station, SC	-- 13

3042. 1918 -- Feb 26, U.S. Naval tug, *Cherokee*, founders in storm, Delaware Capes, DE-- 30
3043. 1918 -- Feb 28, American schooner *Americana* clears Columbia Riv. bar, lost at sea, Pacific-11
3044. 1918 -- Mar 09, last sighting, collier USS *Cyclops*, north of Virginia Capes, VA--290-324
3045. 1918 -- Mar 19, tug *W. A. Bisso*, sinks in collision near New Orleans, LA -- 13
3046. 1918 -- Apr 05, ship *Avon* departs NYC, NY, not heard from again, presumed lost-- 17
3047. 1918 -- Apr 13, fire, Oklahoma State Hospital for the Insane, Norman, OK --39-40
3048. 1918 -- May 01, steamship *City of Athens* sinks in collision off Coast of DE -- 67
3049. 1918 -- May 09, tornadoes, IL and IA -- 14
3050. 1918 -- May 18, explosion, Aetna Chemical Co. Munitions Plant, Oakdale, PA -- 193
3051. 1918 -- May 20, mine fire, Mill Creek Cannel Mining Co., Charleston, WV -- 13
3052. 1918 -- May 21, tornadoes, 10 counties, IA -- 19
3053. 1918 -- May 29, fire, "insane" asylum, Columbia, SC -- 16
3054. 1918 -- June-Nov, Polio outbreak, IA, IL, IN, MN, PA, WI, esp. Staten Island, NY--~180
3055. 1918 -- June 02, storm, lifeboat from *Carolina* (sunk by U-151) capsizes, off NJ -- 16
3056. 1918 -- June 05, trains Collide, near Burlington, VT -- 10
3057. 1918 -- Jun 22, train rams Hagenbeck-Wallace Circus train, fire, Ivanhoe ~Hammond, IN--75-86
3058. 1918 -- June 27, mine explosion, Silver Open Pit Iron Mine, Virginia, MN -- 18
3059. 1918 -- June 29, structural failure, Ruff Building, Sioux City, IA -- 39
3060. 1918 -- July 02, explosion and fire, Semet-Solvay Co. TNT plant, Split Rock, NY -- 50
3061. 1918 -- July 03, whaling schooner *Pedro Varela* departs New Bedford, MA, lost -- 16
3062. 1918 -- July 05, fog, steamer *Columbia* snags/sinks, IL Riv., Wesley City, Pekin IL--87-88
3063. 1918 -- July 09, Great Nashville Train Wreck (head-on collision), fire, Nashville, TN-101
3064. 1918 -- July 20, trains collide, near Chelsea, MI -- 15
3065. 1918 -- Aug 02-14, esp. 6-8, heatwave, esp. Upper Midwest, Mid-Atlantic, Northeast-294
3066. 1918 -- Aug 06-07, Hurricane One, 1918 season, Southwest LA -- 34
3067. 1918 -- Aug 21, tornado, Brookings County SD / Lincoln and Lyon counties, MN -- 36
3068. 1918 -- Aug 27, USS *SC-209* sub chaser sunk by USCG, near Long Island, NY -- 17
3069. 1918 -- Aug 28, coal mine explosion, Burnett Coal Mine, Burnett, WA -- 12
- 1918 -- Sep 04, bomb explosion, Federal Building, Chicago, IL -- 4
3070. 1918 -- Sep 10, trains collide, near Birdsell, Box Butte County, NE -- 11
3071. 1918 -- Sep 17, fire, American Button Company Plant, Newark, NJ -- 11
3072. 1918 -- Sep 17, storm, Cal. steamer *San Gabriel* founders off Cape Lucas, Mexico-- 20
3073. 1918 -- Sep 17, trains collide, near Marshfield, MO -- 15
3074. 1918 -- Sep 28, coal mine explosion, North Coal Mine, Royalton, IL -- 21
3075. 1918 -- Oct 03, train runs into passengers in fog, East Bedford, OH -- 20
3076. 1918 -- Oct 03, steamers *Lake City* & *James McGee* collide, American Shoal Light, FL-- 30
3077. 1918 -- Oct 04, explosion, T. S. Gillespie Co., shell plant, Sayreville, NJ -- 100
3078. 1918 -- Oct 04, steamer *San Sabo* strikes mine, 15 miles SW of Barnegat, NJ -- 30
3079. 1918 -- Oct 04/05, collier USS *Herman Frasch* collision (*Henry*) ~Cape Sable NS --17-25
3080. 1918 -- Oct 11, earthquake, Northwestern Mona Passage, Puerto Rico -- 116
3081. 1918 -- Oct 12, forest fires, Cloquet, Moose Lake, many towns, northeast MN --453-559
3082. 1918 -- Oct 16, steamer *Dumarú* hit by lightning, burns, Pacific, ~20 miles off Guam-- 18
3083. 1918 -- Oct 25, Canada liner *Princess Sophia* strands, Vanderbilt Reef ~Juneau AK<sup>80</sup>--343-364
3084. 1918 -- Nov 1, speeding Brooklyn Rapid Transit train derailed, tunnel mouth, Brooklyn, NY--93-<100
3085. 1918 -- Dec 03, snowstorm, *Manola* founders, Lake Ontario, near Duck Island, Can.-- 11

<sup>80</sup> Listed herein in that more than ten U.S. citizens died, as well as because the disaster was in U.S. territory.



3086. 1918 -- Dec 19, tanker *George Loomis* leaves SF CA for OR, sinks/storm, so. OR coast --18-19
3087. 1919 -- diphtheria , 31 reporting states, DC & PR, esp. CT, DC, IL, MI, NJ, NY, OH --9,160  
1919 -- influenza and pneumonia epidemic (1918-20 subset) --101,851-185,440
3088. 1919 -- polio (acute), especially late Summer and Fall, especially children -- 747
3089. 1919 -- Jan 07, explosion and fire, Film Exchange, Penn Ave., Pittsburgh, PA --10-12
3090. 1919 -- Jan 10, steamer *Yuna* grounds, Monchoir Bank, Bahamas -- 64
3091. 1919 -- Jan 12, trains collide (rear-end), NY Central Railroad, South Byron, NY --20-22
3092. 1919 -- Jan 13, trains collide, Fort Washington, near Philadelphia, PA -- 14
3093. 1919 -- Jan 15, molasses tank collapse, U.S. Industrial Alcohol Co., Boston, MA -- 21
3094. 1919 -- Jan 15, schooner *Ellen A. Swift* leaves New Bedford, MA, whaling, lost -- 14  
1919 -- Jan 26, nitroglycerin explodes, wagon going through town of Big Heart, OK--8-9
3095. 1919 -- Feb 06, fire, Tokyo Rooming House, South Weller St., Seattle, WA -- 10
3096. 1919 -- Mar 05, tornadoes, AL and GA -- 10
3097. 1919 -- Mar 15, tornadoes, Dover, ~Hinton, Kingfisher, Porter, Weatherford, OK -- 9-14
3098. 1919 -- Mar 16, tornado outbreak, LA and MS, especially Isola, MS -- 42
3099. 1919 -- Mar ~28, Boston tug *Charles W. Parker, Jr.*, Norfolk to Boston, storm/lost-- 17
3100. 1919 -- Mar 31, mine explosion, Empire Coal Mine, Aguilar, CO -- 13
3101. 1919 -- Apr 08, tornado, F4, Collin and Fannin Counties, TX -- 18
3102. 1919 -- Apr 09, Tornadoes, TX -- 56
3103. 1919 -- Apr 09, Tornadoes, Fannin, Bryan, Coal, Pontotoc Counties, OK -- 12
3104. 1919 -- Apr 19, Mine Explosion, Majestic Coal Mining Co., Birmingham, AL -- 16
3105. 1919 -- Apr 28 U.S. Navy Launch Hits Log, Capsizes, Hudson River, NY, NY -- 13
3106. 1919 -- Apr 29, Mine Explosion, Majestic Coal Mine, Majestic, AL -- 22
3107. 1919 -- May 19, fire, mental asylum, Columbia, SC -- 16
3108. 1919 -- May 21, tornado, Ellis and Rooks Counties, KS -- 10
3109. 1919 -- May 22, dust explosion & fire, Douglas Starch Works, Cedar Rapids, IA --43-44
3110. 1919 -- May 23, steamer *Virginia* fire ~Potomac R. mouth, Chesapeake Bay, MD -- 6-15
3111. 1919 -- June 05, mine explosion, Baltimore Tunnel No. 2 Mine, Wilkes-Barre PA --92-93
3112. 1919 -- June 22, tornado, Fergus Falls (Ottertail County), MN --50-59
3113. 1919 -- June 30, coal mine explosion, Alderson No. 5 Coal Mine, Alderson, OK -- 15
3114. 1919 -- July 01, trains collide, Dunkirk, NY -- 12
3115. 1919 -- July 04, pleasure steamer *Reliance* snags and sinks, Lake Madison, SD --15-16  
1919 -- July 19-23, race riots, Washington, DC -- 6
3116. 1919 -- July 21, dirigible *Wingfoot* fire/crash (3) into bank (10) skylight, Chicago, IL-- 13
3117. 1919 -- July 25, Springfield Boys' Club boat capsizes, Big Pond, East Otis, MA -- 11
3118. 1919 -- July 27-31 (dates of major rioting and deaths), race riots, Chicago, IL -- 38  
1919 -- Aug 03-9, wood alcohol poisoning, Hannah, ND -- 5
3119. 1919 -- Aug 04, magazine explosion, U.S. Arsenal, Raritan, NJ -- 7-12
3120. 1919 -- Aug 14, train & street car collide, Parmaco, near Parkersburg, WV -- 15
3121. 1919 -- Aug 18, gas explosion, Oakdale Coal Mine, La Veta, CO -- 18
3122. 1919 -- late Aug-Oct 18, botulism, canned Cal. olives, Canton OH, Detroit MI, Java MT --17-19
3123. 1919 -- Sep 08, last communication, steam tanker *Larimer*, 8m south of Key West, FL<sup>81</sup>-36
3124. 1919 -- Sep 09, steamboat *Corydon* sinks, hurricane, Bahama Channel off SE FL coast<sup>82</sup>--27

<sup>81</sup> Included, as well, in the Sep 10-14 Hurricane noted below.

<sup>82</sup> Included, as well, in the Sep 10-14 Hurricane noted below.

3125. 1919 -- Sep 09~, freighter *Lake Conway* lost, storm?, Atlantic/Gulf of Mexico --31-32
3126. 1919 -- Sep 9-10~, cargo steamer *Munisla* lost (hurricane?), Mobile, AL for Havana<sup>83</sup> -28-30  
1919 -- Sep 09-11, Boston police strike, martial law, U.S. Cavalry charge, MA -- 9
3127. 1919 -- Sep 10-14, hurricane, Florida Keys, Gulf & Corpus Christi area, TX --727-1,131  
Sep 12, Spanish liner *Valbanera* sinks off Rebecca Shoal, Dry Tortugas, FL-- 488
3128. 1919 -- Sep 13, Murray Elevator grain dust explosion, North Kansas City, MO -- 14
3129. 1919 -- Sep 30-Oct 2, racial violence, Hoop Spur, Elaine vic., Phillips Co., AR --100-200
3130. 1919 -- Oct 28, sidewheel *Muskegon* hits pier/sinks, Lake Michigan, Muskegon, MI--23-24
3131. 1919 -- Oct 29, mine fire, Amsterdam No. 2 Coal Mine, Amsterdam, OH -- 20
3132. 1919 -- Nov 01, train hits "auto truck" at grade crossing, Clarksboro, NJ --14-16
3133. 1919 -- Nov 07-9, Baltimore MD steamer *Polar Land* founders off Scatarie Isl. NS-- 51  
1919 -- Nov 11, violence, Armistice Day parade, Amer. Legion/IWW, Centralia, WA-- 6
3134. 1919 -- Nov 12-13, freighter *John Owen* sinks, Lake Superior storm, SE of Caribou Isl., MI-22
3135. 1919 -- Nov 17, explosion, oil tank, Standard Oil Co., Hays, KS -- 10
3136. 1919 -- Nov 19-Dec, Providence, RI schooner *T.W. Allan* founders, Bay of Fundy -- 26
3137. 1919 -- Nov 22, stove explosion/fire/crushing, dance hall/store, Ville Platte, LA --25-28
3138. 1919 -- Nov 22, steamer *Myron* sinks, Lake Superior gale, off Whitefish Point, MI-- 16
3139. 1919 -- Nov 22-Dec 5, wood alcohol poisoning, New York City, NY --11-12
3140. 1919 -- Dec 11, heavy rain, flooding, GA, AL, MS -- 15
3141. 1919 -- Dec 17, shipwreck, schooner *Sunbeam*, off Currituck, NC -- 18
3142. 1919 -- Dec 18, steamer *J.A. Chanslor* hits rocks in fog, sinks off Cape Blanco OR-37-38
3143. 1919 -- Dec 20, trains collide/fire, near Onawa, ME --23-24
3144. 1919 -- Dec 25-30, wood alcohol poisoning, esp. Chicopee MA, Hartford CT, NJ --128-136
3145. 1919 -- Dec 26, schooner *Eleanor A. Percy* founders off coast of Ireland -- 13
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3146. 1920 -- diphtheria/croup, Census Bur. esp. NY/1,931 PA/1,733 IL/1128 MI/885<sup>84</sup>--13,395
3147. 1920 -- dysentery, Census Bureau's (CB) 33 registration states --3,574  
1920 -- influenza and pneumonia (1918-1920 document subset) --141,609-220,798
3148. 1920 -- malaria, (CB), esp. MS/683, LA/586, SC/487, FL/344, NC/210, TN/183 --3,136
3149. 1920 -- measles, CB 34 registration states, esp. NY/1,177 PA/1,153 OH/750, IL/496--7,712
3150. 1920 -- mumps, Census Bureau, 34 registration states -- 152
3151. 1920 -- polio, Census Bureau 34 registration states -- 769
3152. 1920 -- scarlet fever, (CB), esp. PA/497 NY/474 OH/383 IL/370 MI/303 MA/218 --4,004
3153. 1920 -- smallpox, 34 CB registration states, esp. LA/167, MS/45, MO/28, NC/28 -- 508
3154. 1920 -- tuberculosis, esp. Denver, San Antonio, Nashville, New Orleans --99,916
3155. 1920 -- typhoid, CB States, esp. PA/503 KY/490 OH/435 TN/434 IL/380 NY/SC/379 --6,805
3156. 1920 -- whooping cough, CB States, esp. PA/1,195 NY/1,063 OH/845 IL/553 MA/536 --10,968
3157. 1920 -- Jan 26, steamer *Mieler* sinks in storm off coast of FL -- 22
3158. 1920 -- Jan 29, steamer *Samuel Faunce* lost, Wilmington, NC to Key West, FL -- 13
3159. 1920 -- Feb 01, steamer *Fortune* lost off Jekyll Island, GA -- 13

<sup>83</sup> Included, as well, in the Sep 10-14 Hurricane noted below.

<sup>84</sup> Based on death certificate data from 34 Census Bureau "registration states" as well as 17 cites in non-registration states of AL, GA, ND, OK, TX and WV, with an estimated population of 87,45,921 or 82.3% of total estimated U.S. and Hawaii territory population. AK was not a State. Other non-reporting states were AZ, AR, ID, IA, MN, NM, SD, and WY. Figures should be viewed as minimums in that there was under-reporting of Blacks. IL, for example, reported 1,106 White deaths and only 22 amongst Blacks. MD shows 181 white deaths and 11 black.

3160.	1920 -- Feb 06, snowstorm, steamer <i>Polias</i> , hits Old Cilley Ledge, Penobscot Bay ME-11	
3161.	1920 -- Feb 19, schooner <i>Henry W. Cramp</i> lost at sea, Norfolk VA to Dom. Rep. -- 10	
	1920 -- Feb 26, aluminum plant dust explosion/female workers killed, Manitowoc, WI--6	
3162.	1920 -- Feb 29, steamer <i>Cubadist</i> lost at sea from Cuba to Baltimore, MD	-- 37
3163.	1920 -- Mar 11, tornado, Carroll County, AR and Taney County, MO	-- 10
3164.	1920 -- Mar 14, trains collide, near Riverside, VT	-- 10
3165.	1920 -- Mar 28, Palm Sunday Tornadoes, esp. GA/37 OH/29 IL/28 IN/28 AL/18, MI/13- 154	
	1920 -- Apr 15, gas explosion, Jefferson Island salt mine, Delcambre, LA	-- 6
3166.	1920 -- Apr 18, steamer <i>William O'Brien</i> , out of NYC Lost in Atlantic Storm	-- 40
3167.	1920 -- Apr 19, tornadoes, Yell, Logan, Johnson, Pope Counties, AR	-- 19
3168.	1920 -- Apr 20, tornadoes, MS	-- 131
3169.	1920 -- Apr 20, tornadoes, AL	-- 92
	1920 -- Apr 20, tornadoes, MS, AL [Total]	-- 223
3170.	1920 -- May 2, tornado, Peggs (Cherokee County), OK	-- 71
	1920 -- May 3, submarine coal mine explosion, Clinton, IN	-- 5
3171.	1920 -- May 19, Matewan Massacre, coal miners/owners conflict, Mingo Co., WV--10-11	
3172.	1920 -- June 09, trains collide, near Schenectady, NY	-- 15
	1920 -- June 27, wood alcohol poisoning, Hartford, CT	-- 4
3173.	1920 -- June 30, Alderson No. 5 Coal Mine explosion, Alderson, OK	-- 15
3174.	1920 -- July 03, Lackawanna & WY Valley Railroad trains collide, South Pittston, PA-17	
	1920 -- Aug 13, premature dynamite explosion; Boxley Quarry; Pounding Mill, VA-- 9	
3175.	1920 -- Aug 20, freighters collide, <i>Superior City</i> explos./sinks, Lake Superior, Whitefish Bay, WI--29	
3176.	1920 -- Aug 21, No. 19 Coal Mine explosion, Degnan, OK	-- 10
3177.	1920 -- Sep 06, fire, Houston Hotel, Klamath Falls, OR	--10-14
3178.	1920 -- Sep 06, Denver and Interurban Railroad trains collide, near Globeville, CO-- 13	
3179.	1920 -- Sep 16, anarchist bombing mass murder, Wall Street terrorist attack, NY	--30-38
3180.	1920 -- Oct 29, ship collision, schooner <i>Cape Fear</i> , Narragansett Bay, RI	-- 19
3181.	1920 -- Oct 31, explosion and fire, Niagara Falls Power Co., N. Tonawanda, NY	-- 13
3182.	1920 -- Nov 18, motorboat fire, lumbermen drownings, Chesuncook Lake, ME	-- 16
3183.	1920 -- Nov 23, mine explosion, Parrish Coal Mine, Parrish, AL	-- 12
3184.	1920 -- Nov 26, storm, schooner-barge <i>W. J. Pirrie</i> , driven onto reef ~Cake Rock, WA--18-20	
3185.	1921 -- measles, especially children, nationwide	--4,667
3186.	1921 -- polio, esp. late summer-fall, esp. children, esp. NY/272, IL/150, WA/122 MI --1,597	
3187.	1921 -- Jan 20, steel steamer <i>Hewitt</i> sails from Sabine TX for Boston MA, lost	-- 42
3188.	1921 -- Jan 24, gasoline explosion, parked rail tank car, Memphis, TN	-- 13
3189.	1921 -- Jan 30, fire (cigarette), Colonial Hotel, Newark Street, Hoboken, NJ	-- 13
3190.	1921 -- Jan 31, schooner <i>Carroll A. Deering</i> , grounds, Diamond Shoals, NC	-- 11
3191.	1921 -- Feb 10, tornado, Oconee and Gardner (Washington County), GA	-- 32
3192.	1921 -- Feb 22, trolleys collide head-on, 5-gallon gas can ignites, fire, Shelton, CT <sup>85</sup> -- 10	
3193.	1921 -- Feb 26, U.S. destroyer <i>Woolsey</i> sinks, hit by <i>Steel Inventor</i> off Panama	-- 16
3194.	1921 -- Feb 27, NY Central and MI Central Railroad trains collide, Porter, IN	-- 37
	1921 -- Mar 18, explosion of fireworks, West & Co Warehouse, Chicago, IL	-- 8
3195.	1921 -- Mar 21, ocean-going tug USS <i>Conestoga</i> lost after leaving Mare Island, CA-- 56	
	1921 -- Mar 23, USN Free Balloon from NAS Pensacola, FL downs in Gulf of Mex.-- 5	

<sup>85</sup> All deaths due to fire and/or suffocation.

3196.	1921 -- Apr 13, tornado, F4, Collin County, TX	-- 11
3197.	1921 -- Apr 15, tornadoes, Miller, Hempstead, Pile, Yell, Pope counties, AR	-- 56
3198.	1921 -- Apr 15, tornadoes, Marion, Cass, Bowie counties, TX	-- 10
3199.	1921 -- Apr 16, tornadoes, AL	-- 15
3200.	1921 -- Apr 21, tornado, northeast TX and AR	-- 61
3201.	1921 -- Apr 26, tornado, Copiah, Simpson counties, MS	-- 15
3202.	1921 -- May 12-15, Battle of the Tug, coal mine labor conflict, Mingo County, WV--6-20	
3203.	1921 -- May 31-June 1, race riot, whites attack blacks, Greenwood, Tulsa, OK <sup>86</sup> --39-100	
3204.	1921 -- June 02, levee failures and drownings, Arkansas River, Pueblo County, CO--	120
3205.	1921 -- June 12, lightning, gasoline storage tank explosion, Salt Lake City, UT	-- 15
3206.	1921 -- June 25/26, mass murder/home then burned, Drew/Hamilton families, ~Mayfield KY--11	
3207.	1921 -- Aug 06, fog, coastal passenger steamer <i>Alaska</i> grounds off Blunts Reef, CA--	42
3208.	1921 -- Aug 27-Sep 3, Battle of Blair Mt.; miners vs. operators, Logan Co., WV --16->50	
3209.	1921 -- Aug 31, Harco Coal Mine explosion, Harrisburg, IL	-- 12
3210.	1921 -- Sep 06-07, hurricane, south TX	-- 51
3211.	1921 -- Sep 08-10, flooding, esp. San Antonio & Milam, Williamson Counties TX--	>224
3212.	1921 -- Sep 10, Third Street foot-bridge collapses, Chester River, Chester, PA	-- 24
3213.	1921 -- Sep 14, explosion/fire, Atlantic Refining Co., Point Breeze, Philadelphia PA--14-16	
3214.	1921 -- Oct 24, last comm. with oil tanker <i>Santa Rita</i> , New Orleans to Italy, lost	-- 35
3215.	1921 -- Oct 30, storm, House of David schooner <i>Rosa Belle</i> founders, mid-Lake MI--	11
3216.	1921 -- Oct 30, two Hilton Fishing Co. boats capsize off Anglesea, NJ	-- 11
3217.	1921 -- Nov 14, fire, tenement house, 108 West 17 <sup>th</sup> St., NYC, NY	--10-12
3218.	1921 -- Nov 17, tornadoes, Polk, Clark, Hot Springs, Garland Counties, AR	-- 11
3219.	1921 -- Nov 21, tug <i>Sea Eagle</i> hit by large wave in storm, capsizes, ~Yaquina, OR--	9-10
	1921 -- Nov 27, fire, Rialto Theatre, New Haven, CT	-- 9
3220.	1921 -- Dec 05, trains collide/burn, Philadelphia & Reading RR ~Bryn Athyn, PA --26-27	
3221.	1921 -- Dec 23, tornadoes, AR, MS	-- 11
3222.	1921 -- Dec 24, tornadoes, LA, MS	-- 14
3223.	1921 -- Dec 24-Jan 3, wood alcohol poisoning, NYC (10) and Pittsburg, PA (4)	-- 14
3224.	1922 -- polio (acute), especially late summer and fall, especially children	-- 790
3225.	1922 -- Jan 7-11, wood alcohol poisoning, NJ, especially Hoboken, NJ	-- 11
3226.	1922 -- Jan 20-Feb 17, wood alcohol poisoning, Hoboken and Ridgefield Park, NJ--	16
3227.	1922 -- Jan 28, snow weight roof collapse, Knickerbocker Theater, Washington DC--	98
3228.	1922 -- Feb 02, coal mine explosion, Gates No. 2 Coal Mine, Gates, PA	-- 25
3229.	1922 -- Feb 07, Lexington Hotel fire, Richmond, VA	-- 12
3230.	1922 -- Feb 21, dirigible <i>Roma</i> crash, Hampton Roads Naval Base, VA	-- 34
3231.	1922 -- Mar 13, tornadoes, Murray and Latimer Counties, OK	-- 13
3232.	1922 -- Mar 14, tornadoes, AR, LA, MS	-- 14
3233.	1922 -- Mar 24, Sopris No. 2 Coal Mine explosion, Sopris, CO	-- 17

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<sup>86</sup> A chapter on the death toll (Clyde Snow) in the report of the 2001 Oklahoma Commission to Study the Tulsa Race Riot of 1921, notes a documented death toll of 39. We have a long footnote in our document on this event accessed via the Spreadsheet which explains why we choose the number 100 as the high-end of our range. Most accounts today report a death toll of up to 300, if not more. The 300 number derives from a 1921 Red Cross report which noted it was one estimate heard, while another was 55, and that the actual number was unknown. The number 300 is a guesstimate of the time not based on documentation, nor any other form of actual counting.

3234.	1922	-- Mar 24-Apr 24, septic sore throat epidemic; contaminated milk, Portland OR--	22
3235.	1922	-- Apr 08, tornado, F3, Runnels, Coleman and Callahan Counties, TX	-- 12
3236.	1922	-- Apr 17, tornado, Warren County, IN	-- 11
3237.	1922	-- May 04, tornado, Travis County, TX	-- 12
3238.	1922	-- May 25, Acmar No. 3 Coal Mine explosion, Acmar, AL	-- 11
3239.	1922	-- June 11, severe storm, NY and New England, particularly NYC, NY	-- 60
3240.	1922	-- June 21-22, union miners murder non-union men and Guards ~Herrin, IL <sup>87</sup> --	23
	1922	-- June 27, Holston marble quarry explosion, Strawberry plains ~Knoxville, TN--	9
3241.	1922	-- Jul 17, Striking Miners attack Saledka Mine, Sheriffs men, Cliftonville, WV-9-21	
3242.	1922	-- Aug 05, trains collide, Missouri Pacific Railroad, Sulphur Springs, MO	-- 34
3243.	1922	-- Aug 12, train/truck/train collisions, Annandale, MN	-- 10
3244.	1922	-- Aug 27, Argonaut Gold Mine fire, Jackson, CA	-- 47
3245.	1922	-- Sep 05-11, wood alcohol poisoning, NYC, NY	-- 11
3246.	1922	-- Sep 11, truck falls through wood bridge, Satilla River near Homerville, GA--	18
	1922	-- Sep 23, US bomber crashes, "Flying Circus", Mitchel Field, Mineola, NY	-- 6
3247.	1922	-- Oct 22, apartment house fire, Lexington Avenue, New York, NY	-- 15
3248.	1922	-- Nov 04, tornado, Creek and Pawnee Counties, OK	-- 11
	1922	-- Nov 05, Anthracite coal mine explosion in number four shaft, Madrid, NM--	7
3249.	1922	-- Nov 06, Reilly Coal Mine explosion, Spangler, PA	-- 79
3250.	1922	-- Nov 22, coal mine explosion, Mine No. 3, Dolomite, AL	-- 90
3251.	1922	-- Nov 25, Cerillos No. 4 Coal Mine explosion, Cerillos, NM	-- 12
3252.	1922	-- Dec 13, trains collide, Humble, TX	-- 22
3253.	1923	-- polio (acute), especially late summer and fall, especially children	-- 850
	1923	-- Jan 01-07, Rosewood rioting, whites attack blacks, Rosewood, Levy Co., FL--	≥8
3254.	1923	-- Feb 08, electrical arcs & dust explosion, Stag Canon 1 coal mine, Dawson NM-120	
3255.	1923	-- Feb 18, fire, Manhattan State Hospital for Insane, Ward's Island, NY	-- 27
3256.	1923	-- Feb 20, bark <i>Alta</i> sails from San Pedro, CA for Bellingham, WA, lost at sea--	15
3257.	1923	-- Feb 23, fire, Garage and Apartments, Hatley Building, Kansas City, KS	-- 13
3258.	1923	-- Mar 02, Weyanoke Coal Co. coal mine explosion, Arista, WV	-- 10
3259.	1923	-- Mar 11, tornado, Chester and Madison counties, TN	-- 20
3260.	1923	-- Mar 15, tornadoes, Tunica, Tate, Desoto, Quitman, Panola counties, MS	-- 17
3261.	1923	-- Mar 31, water tank/tower on roof fails, Fuller Brush Co., Hartford, CT	-- 10
3262.	1923	-- Apr 04, tornado, Rapides County, LA	-- 15
3263.	1923	-- Apr 06, steamer <i>John Dwight</i> sinks, suspected rum runner, Vineyard Sound, MA--8-10	
3264.	1923	-- Apr 27, fire, tenement building, East 109 <sup>th</sup> Street, New York, NY	-- 12
3265.	1923	-- May 05, explosion, Southwestern Coal Mine, Aguilar, CO	-- 10
3266.	1923	-- May 09, fire, J.K. Hughes Develop. Co, McKie Oil Well, Corsicana, TX	-- 12
3267.	1923	-- May 11, tornado, Chester and Madison counties, TN	-- 20

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<sup>87</sup> Two striking union-miners were killed by mine guards on June 21 when attacked by a large group of the striking miners and one other died of his wounds on July 13. Nineteen to twenty non-union miners and mine guards were murdered on June 22 by union miners. (The coroner's records turned over to the grand jury indicated 20 nonunion men, while the records of the undertakers who buried them indicated 19 burials – 19 was the number used in great majority of accounts.) On Oct. 2 Ignus Kubins, a hospitalized nonunion miner died of his wounds. Thus, there were 23 certain fatalities, and possibly more. There were reports of missing men, of men tossed into a pond or drowned in a river while attempting to escape, and of men burned and consumed in the burning of railroad cars at the strip mine, thus the possibility exists of one or more additional deaths.

3268.	1923	-- May 14, tornado, F5, Howard and Mitchell counties, TX	-- 23
3269.	1923	-- May 17, fire, Cleveland School District, Kershaw County, near Camden, SC	-- 77
3270.	1923	-- June 21, fire, tenement building, Federal Street, Chicago, IL	-- 10
3271.	1923	-- Aug 14, explosion, Frontier Number One Coal Mine, Kemmerer, WY	-- 99
3272.	1923	-- Sep 08, seven US Navy destroyers ground in fog, off Honda Point, CA --20 USS <i>Young</i> -- 3 Flagship USS <i>Delphy</i>	-- 23
3273.	1923	-- Sep 27, flooding, bridge washout, train derailment, near Lockett, WY	-- 31
3274.	1923	-- Nov 06, explosion, Raleigh-Wyoming, Glen Rogers Mine, Beckley, WV	-- 27
3275.	1923	-- Dec 05, steamer <i>T.W. Lake</i> lost in storm, off San Juan Islands, WA	--13-14
3276.	1923	-- Dec 13, steam schooner <i>C.A. Smith</i> grounds, No. Jetty, Coos Bay Harbor OR	~10
3277.	1923	-- Dec 26, fire, Illinois State Hospital for the Insane, Dunning, IL	-- 18
3278.	1924	-- polio (acute), especially late summer and fall, especially children	--1,079
3279.	1924	-- Jan 03, starch dust explosion, Corn Products Refining Company, Pekin, IL	-- 42
3280.	1924	-- Jan 25, explosion, McClintock Coal Mine, Johnston City, IL	-- 33
3281.	1924	-- Jan 26, explosion, Lancashire No. 18 Coal Mine, Shanktown, PA	-- 36
3282.	1924	-- Jan 28, dynamite explosion, Cumberland Hill, Manville, RI	-- 15
3283.	1924	-- Feb 02, Interurban traction trains collide, fire, edge of Alfont, IN	--19-21
3284.	1924	-- Feb 02, food poisoning (botulism, home-canned green beans) ~Albany, OR	-- 12
3285.	1924	-- Feb 05, flooding, Milford Iron Ore Mine, Crosby, MN	-- 41
3286.	1924	-- Feb 15, fire, Lawrence Building, Main Street, Montpelier, VT	-- 11
3287.	1924	-- Feb 19, fire, Tenement House, Madison Street, New York, NY	-- 14
3288.	1924	-- Mar 01, explosion and fire, Nixon Nitration Works, Nixon, NJ	-- 20
3289.	1924	-- Mar 08, Castle Gate #2 Coal Mine gas & dust explosions, Castle Gate, UT	-- 172
3290.	1924	-- Mar 11, Ward Line steamer <i>Santiago</i> wrecks off Hatteras, NC	--25-35
3291.	1924	-- Mar 11/12, Maine schooner <i>Wyoming</i> sinks, blizzard off Chatham, MA	--13-18
3292.	1924	-- Mar 28, explosion, Yukon Pocahontas Coal Co., Yukon #2 Mine, WV	-- 26
3293.	1924	-- Apr 28, coal mine gas explosion (killing all inside), Benwood, WV	-- 119
3294.	1924	-- Apr 30, tornadoes, AL	-- 13
3295.	1924	-- Apr 30, tornadoes, GA	-- 16
3296.	1924	-- Apr 30, tornadoes, SC	-- 67
3297.	1924	-- May 26, tornadoes, MS	-- 30
3298.	1924	-- May 26-27, tornadoes, AL	-- 24
3299.	1924	-- May 28, tornadoes, OK	-- 15
3300.	1924	-- May 31, fire, Hope Development School, Playa Del Rey, CA	-- 24
3301.	1924	-- June 01, train derailment and collision, Wabash RR, Williamsport, IN	-- 13
3302.	1924	-- June 06, explosion, Loomis Collieries Coal Mine, Nanticoke, PA	-- 14
3303.	1924	-- June 12, battleship <i>USS Mississippi</i> gun turret cordite fire off San Pedro CA	-- 48
3304.	1924	-- June 28, OH tornadoes, Portage Co./3, Sandusky/9, esp. Lorain/>64, OH	-- ≥89
3305.	1924	-- June 28, severe weather, thunder-storms, tor., flash flooding, ~Pittsburgh PA	-- 11
3306.	1924	-- July 05, steamer <i>Three Rivers</i> fire, Chesapeake Bay, off Cove Point, MD	-- 10
3307.	1924	-- July 25, explosion, Gates No. 1, Coal Mine, Brownsville, PA	-- 10
3308.	1924	-- Aug 10, tornado, Thurman (Washington, Kit Carson Counties), CO	-- 10
3309.	1924	-- Aug 27~, three MA fishing schooners lost, probably in gale, Georges Bank	-- 17
3310.	1924	-- Aug 28, explosion, ammonia refrigeration tank, grocery store, Des Moines, IA	--11
3311.	1924	-- Aug 29, explosion, gasoline tank, Peoples Natural Gas, Pittsburgh PA	-- 11

3312. 1924 -- Sep 09, labor violence, Filipino strikers/Sheriffs clash, Hanapepe, Kauai, HI-- 20  
3313. 1924 -- Sep 16, explosion, Sublet No. 5 Coal Mine, Sublet, WY -- 39  
3314. 1924 -- Sep 21, tornadoes, WI -- 34  
3315. 1924 -- Sep 22, freighter *Clifton* sinks, Lake Huron storm, ~30m no. of Oscoda, MI-27-30  
3316. 1924 -- Oct-Nov esp. pneumonic and bubonic plague epidemic, Los Angeles, CA --35-37  
3317. 1924 -- Oct 20, USS *Trenton* Gun Turret Powder Bag Explosion, off Norfolk, VA -- 14  
3318. 1924-25 --Nov-Feb, typhoid fever from West Sayville, LI, NY contaminated raw oysters--~150  
3319. 1924 -- Nov 15, rum runner tug *William Maloney* founders, storm, Newport, RI --11-12  
3320. 1924 -- Dec 24, fire, Babbs Switch School (School No. 42), Hobart, OK -- 36  
3321. 1924 -- Dec 24, Mathieson Alkali Works "Muck" dam fails, Palmertown/Saltville, VA-19  
3322. 1924 -- Dec 24-29, Coldwaves/Winter Weather-related deaths, esp. IL/12 and OH/9-- 51  
3323. 1924 -- Dec 27-29, Carbon monoxide poisoning deaths, New York City, NY --15-20
3324. 1925 -- anthrax, CA/2, CT, DE/3, IL, IN, LA/2, MA, MS, MO, NJ, NY/2, OR, PA/4, WA-- 22  
3325. 1925 -- cold, excessive, esp. IL/18, NY/18, PA/17, MI/15, VA/14, OH/11, WI/11 -- 239  
3326. 1925 -- diphtheria, esp. NY/1,006, PA/973, IL/409, OH/392, MI/360, NJ/337 --8,058  
3327. 1925 -- dysentery, esp. KY/297, WV/213, LA/211, SC/211, TN/207, VA/196 --3,257  
3328. 1925 -- excessive heat, esp. NY (439), PA (299), NJ (112), CA (69), MA (65) --1,587  
3329. 1925 -- influenza--esp. PA/2,768, OH/2,100, IL/1,558, IN/1,485, MO/1,464 --30,538  
3330. 1925 -- malaria, esp. MS/426, FL/338, AL/306, LA/256, MO/189, SC/183 --2,132  
3331. 1925 -- measles, 40 Registration states, esp. PA/503, MA/349, NY/323, IL/217, NJ/124 --2,404  
3332. 1925 -- meningococcus meningitis, esp. NY/148, PA/79, IL/56, OH/53, MA/51 --1,095  
3333. 1925 -- polio, esp. late Sum.-Fall, esp. children, esp. NY/208, CA/149, MN/140 --1,519  
3334. 1925 -- scarlet fever, esp. PA/343, IL/279, OH/252, MI/216, NY/191, MO/169 --2,762  
3335. 1925 -- scurvy, 24 States, especially PA/7, NY/6, VA/6, MI/5, AL/4 and MD/4 -- 58  
3336. 1925 -- smallpox, esp. MN/196, WI/134, CA/59, NJ/48, OH/47, IA/42, PA/29 -- 709  
3337. 1925 -- tuberculosis, esp. NY/10,282, PA/7,300, CA/5,934, IL/5,537, OH/4,819 --89,268  
3338. 1925 -- typhoid & paratyphoid fever, 48 States, esp. KY/668, TN/653, LA/649 --8,287  
3339. 1925 -- whooping cough, esp. PA/648, NY/523, CA/481, OH/374, IL/315, MA/279 --6,948  
3340. 1925 -- Feb 20, mine explosion, City Coal Mine, near Sullivan, IN -- 52  
3341. 1925 -- Mar 17, Bethlehem Mines Coal Mine explosion, Barrackville, WV -- 33  
3342. 1925 -- Mar 18, tornadoes, esp. Tri-State Tornado (IL/IN/MO) 695; AL/KY/TN --740-792  
3343. 1925 -- Mar 22, trains collide, Ricohoc, LA -- 11  
1925 -- Apr 05, tornado, Dade County, FL -- 5  
3344. 1925 -- May 08, U.S. steamer *Norman* capsizes, MS Ri., 16 mi. S of Memphis TN--18-22  
3345. 1925 -- May 27, explosion, Carolina Coal Mine, Farmville (Coal Glen), NC -- 53  
3346. 1925 -- June 08, train derailment, Chesapeake & Ohio Railway, near Converse, IN-- 12  
3347. 1925 -- June 08, mine explosion, No. 9 Coal Mine, Sturgis, KY -- 17  
3348. 1925 -- June 16, train derails, near Hackettstown, NJ -- 50  
3349. 1925 -- June 28, Gloucester, MA fishing schmr. *Rex* sunk by Liner off 200M E, NS-- 15  
3350. 1925 -- June 29, earthquake, Santa Barbara, CA -- 13  
3351. 1925 -- July 4, 2<sup>nd</sup> floor collapse into basement, Pickwick dance Club, Boston, MA-44-45  
3352. 1925 -- July 23, mine explosion, Rockwood Coal Mine, Rockwood, TN -- 10  
3353. 1925 -- Aug 03, mine explosion, Dorrance No. 9 Coal Mine, Wilkes-Barre, PA -- 10  
3354. 1925 -- Aug 18, steamer *Mackinac* boiler explosion, Narragansett Bay, RI --47-55  
3355. 1925 -- Sep 3, Navy dirigible *Shenandoah* upset by storm/breakup/crash ~Marietta OH--14

3356.	1925 -- Sep 25, sub USS <i>S-51</i> hit, steamer <i>City of Rome</i> , sinks ~Block Island, RI	-- 33
3357.	1925 -- Oct 25, tornado, Pike-Bullock-Barbour-Crenshaw Counties, AL	-- 18
3358.	1925 -- Nov 12, trains collide in fog near Monmouth Junction, NJ	-- 10
3359.	1925 -- Nov 30-Dec 2, hurricane, Tampa/4 and maritime losses off east coast of FL	-- 53
3360.	1925 -- Dec 10, mine explosion, Overton No. 2 Coal Mine, Irondale, AL	-- 53
	1925 -- Dec 22, fire, Webb Coal Mine, Bellaire, OH	-- 9
3361.	1926 -- polio (acute), especially late summer and fall, especially children	-- 851
3362.	1926 -- Jan 13, mine explosion, No. 21 Coal Mine, Wilburton, OK	-- 91
3363.	1926 -- Jan 14, explosion, Jamison Coal Co. Mine No. 8, Farmington, WV	-- 19
3364.	1926 -- Jan 23, Lafayette Hotel fire, Allentown, PA	-- 13
3365.	1926 -- Jan 29, mine explosion, Mossboro No. 1 Coal Mine, Helena, AL	-- 27
3366.	1926 -- Feb 03, mine explosion, Horning No. 4, Coal Mine, Horning, PA	-- 20
3367.	1926 -- Feb 17, avalanche, Sap Gulch, Bingham, UT	--39-40
3368.	1926 -- Feb 22, hotel fire, Schindler's Prairie House, Hurleyville, NY	--11-12
3369.	1926 -- Feb 24, tornadoes, AR-MS and MS	-- 10
3370.	1926 -- Mar 08, mine explosion, Crab Orchard/Eccles No. 5 Coal Mine, WV	-- 20
3371.	1926 -- Apr 8, tankers <i>Silvanns</i> and <i>Thomas H. Wheeler</i> collide, Pointe A La Hache, LA	--35
3372.	1926 -- Apr 11, explosion, tanker <i>Gulf of Venezuela</i> , Port Arthur, TX	-- 26
	1926 -- Apr 21, fire, sawdust explosion/fire, Marsh Wood Products Co., Milwaukee, WI	--6
3373.	1926 -- June 16, trains collide, Pennsylvania Railroad, near Gray, PA	-- 16
3374.	1926 -- July 10, lightning/fire/explosions, USN Lake Denmark Arsenal, Dover, NJ	--21-22
3375.	1926 -- July 14, hotel fire, Twilight Inn, Haines Falls, NY	-- 14
3376.	1926 -- July 18-24, heat wave, West, Mid-West, Mid-Atlantic, esp. Northeast	--~160-180
3377.	1926 -- July 22, bus with Brooklyn excursionists overturns near Nyack, NY	-- 10
3378.	1926 -- July 22-Aug 2, wood alcohol poisonings, Buffalo, NY and vicinity	--44-45
3379.	1926 -- Aug 08, undertow drownings/large Lake Erie waves, Brant Beach/Farnham NY	--11
3380.	1926 -- Aug 25-26, Hurricane 3 , east coast of Louisiana moving into central LA	-- 25
3381.	1926 -- Aug 26, mine explosion, Clymer No. 1 Coal Mine, Clymer, PA	-- 44
3382.	1926 -- Sep 02, trains collide, near Monroe, MI	-- 10
3383.	1926 -- Sep 03, mine explosion, Tahona Coal Mine, Tahona, OK	-- 16
3384.	1926 -- Sep 05, train derailment, Denver & Rio Grande RR, near Waco, CO	-- 30
3385.	1926 -- Sep 17-18, Great Miami Hurricane, FL (also Sep 20, FL, AL, MS)	--372-408
3386.	1926 -- Sep 18-21, Great Miami Hurricane (FL/MS/AL/Pensacola)	<sup>88</sup> --800
3387.	1926 -- Oct 04, mine explosion, Rockwood Coal Mine, Rockwood, TN	-- 27
	1926 -- Nov 01, truck hits streetcar head-on, is hit by truck behind, fire, Dayton, OH	-- 8
3388.	1926 -- Nov 03, mine flood, Barnes Hecker Mine, Ishpeming, MI	-- 51
3389.	1926 -- Nov 09, tornado, Charles and Prince Georges counties, esp. La Plata, MD	-- 17
3390.	1926 -- Nov 19, oil tanker <i>Mantilla</i> explos., Bethlehem Steel drydock, Sparrows Point, MD	--18
3391.	1926 -- Nov 25, tornadoes, AR	-- 58
3392.	1926 -- Nov 25, tornado, Sabine/Natchitoches/Red River, LA	-- 12
3393.	1926 -- Dec 09, mine explosion, Francisco No. 2 Coal Mine, Francisco, IN	-- 37
3394.	1926 -- Dec 20, motor launch <i>Linseed King</i> hits ice, sinks, Hudson River, NYC	--35-58
3395.	1926 -- Dec 23, trains collide, near Rockmart, GA	-- 19

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<sup>88</sup> Includes missing, presumed dead.



3396. 1927 -- polio (acute), esp. late Sum-Fall, esp. CA/230, MA/170, OH/165, NY/129 --2,013
3397. 1927 -- Jan 11, storm, collier *John Tracy* sinks off Highland Light, Truro, MA --26-27
3398. 1927 -- Jan 22, Baylor Univ. basketball team bus hit by train, Round Rock, TX -- 10
- 1927 -- Jan 26, gas explosion, Mormon recreation hall, basketball game, Turner, ID-- 7
3399. 1927 -- Feb 17, tornadoes, Sabine/Natchitoches/Red River, Tensas, LA -- 27
3400. 1927 -- Feb 17, tornadoes, Warren, Covington, Jones, Jasper Counties, MS -- 14
3401. 1927 -- Mar 17, tornado, Hot Springs, Saline, Pulaski Counties, AR -- 12
3402. 1927 -- Mar 18, tornado, Carroll and Boone Counties, AR -- 24
3403. 1927 -- Late March-July, flooding, levee breaks upper and esp. lower MS River--246-500
3404. 1927 -- Apr 06, explosion, oil refinery, Parco, WY -- 17
3405. 1927 -- Apr 08, Gloucester, MA fishing schooner *Commonwealth* burns, N.S. coast-- 12
3406. 1927 -- Apr 12, tornado, Rock Springs, (Edwards and Real Counties) TX -- 74
3407. 1927 -- Apr 18, tornado, Choctaw County, OK -- 10
3408. 1927 -- Apr 19, tornadoes, IL -- 21
3409. 1927 -- Apr 23, fire, explosions, Briggs Manufacturing Co., Detroit, MI -- 23
3410. 1927 -- Apr 30, explosion, Federal No. 3 Coal Mine, Everettville, WV -- 111
3411. 1927 -- May, flooding, Kentucky River -- 89
3412. 1927 -- May 07, tornado, Comanche/Barber/Kingman/Reno/McPherson Ct's, KS -- 10
3413. 1927 -- May 08, tornadoes, MO -- 12
3414. 1927 -- May 09, tornadoes, AR/70, MO/93 (esp. Poplar Bluff/83), TX/40, IL/7, LA/1-211
3415. 1927 -- May 18, dynamite bombing, Bath Township Consolidated School, MI<sup>89</sup> -- 46
3416. 1927 -- July 08, boat with Miss. River flood evacuees overturns, Port Barre, LA -- 11
3417. 1927 -- July 12-17, heatwave, especially the East, especially NJ, NY, PA --127-161
3418. 1927 -- July 18, drownings at beaches, Lake Michigan, Chicago vicinity, IL -- 10
3419. 1927 -- July 28, passenger vessel *Favorite* sinks, storm, Lake Michigan ~Chicago, IL--27
3420. 1927 -- Aug 03, mine explosion, West Kentucky No. 7 Coal Mine, Clay, KY -- 15
3421. 1927 -- Aug 24~, Gloucester, MA Sch. *Columbia* lost in gale off Sable Island, NS -- 23
3422. 1927 -- Sep 29, tornadoes, St. Louis City/County, MO/78; Madison Co. IL/7, AR/1-- 86
3423. 1927 -- Oct 14, interurban rail car hits truck-trailer with people, Indianapolis, IN --20-21
3424. 1927 -- Oct 29, fog, *President Wilson*, hits Gloucester fisher *Avalon*, Cape Cod, MA-- 20
3425. 1927 -- Nov 2-4, New England flooding, dams fail, MA/NH/CN/ME, esp. VT/84--107-109
3426. 1927 -- Nov 14, natural gas tank explosion, Equitable Gas Co., Pittsburgh, PA -- 28
- 1927 -- Nov 21, Colorado Rangers shoot striking miners, Columbine Mine, Serene, CO-6
3427. 1927 -- Dec 17, sub *USS S-4* hit by USCG *Paulding*, sinks off Provincetown, MA -- 40
3428. 1928 -- polio (acute), especially late summer and fall, especially children --1,381
3429. 1928 -- Jan 09, coal mine explosion, No. 18 Coal Mine, West Frankfort, IL -- 21
3430. 1928 -- Feb 10, vaporizer explosion/fire, Beacon Oil Co. Refining Plant, Everett, MA--14
3431. 1928 -- Feb 20, coal mine explosion, Kinloch Coal Mine, Parnassus, PA -- 12
3432. 1928 -- Feb 24, mine explosion, Mama No. 3 Coal Mine, Jenny Lind, AR. -- 13
3433. 1928 -- Mar 12, St. Francis Dam failure/flood, Santa Clara Riv. valley, CA<sup>90</sup> --370-431

<sup>89</sup> Kehoe's bombs initially killed 37 elementary school children and 2 teachers. He murdered his wife. Detonated car bomb killing himself, school superintendent, village postmaster, postmaster's father-in-law. On August 22, 1927, student Beatrice Gibbs dies of injuries, and about one-year later 2<sup>nd</sup> grader Richard Fritz died of "lingering injuries."

<sup>90</sup> Dam failure occurred just before midnight of the 12<sup>th</sup>. Floodwater began reaching Pacific Ocean at 5:24 a.m., March 13. (Stansell 2014, p. 36.)

3434. 1928 -- Apr 13, explosion/bldg. collapse/fire, Bond Dance Hall, West Plains MO --37-40
3435. 1928 -- Apr 20, fire, Alexander Industries Plane plant, Englewood, CO -- 11
3436. 1928 -- May 07, US Army dredge *Navesink* hits *Swinburne*, sinks ~Stapleton, NY --17-18
3437. 1928 -- May 19, Pickands-Mather Coal Mine, gas and dust explosion, Mather, PA -- 195
3438. 1928 -- May 22, mine explosion, Yukon Pocahontas Coal Mine # 1, Yukon, WV -- 17
3439. 1928 -- May 25, mine explosion, Baltimore No. 5 Coal Mine, Parsons, PA -- 10
3440. 1928 -- Aug 09, storm/drownings, steamer *William A. McKenney*, coast of CA -- 14
3441. 1928 -- Aug 15, mine explosion, Irvona No. 3 Coal Mine, Coalport, PA -- 13
3442. 1928 -- Aug 24, subway train crash, 42<sup>nd</sup> Street-Times Square Station, NYC -- 16
3443. 1928 -- Sep 14, tornado, Rockford, (Winnebago, Boone Counties) IL -- 14
3444. 1928 -- Sep 13, San Felipe Segundo Hurricane, Puerto Rico<sup>91</sup> -- 312
3445. 1928 -- Sep 16, Great Okeechobee Hurricane and flooding, Southeast FL --2,500-3,000
3446. 1928 -- Nov 08, explosion, fire, Preble Box Toe Co. Plant and house, Lynn, MA --20-21
3447. 1928 -- Nov 13 UK *Vestris* (out of NYC with US passengers) sinks off VA Capes, VA--~111
3448. 1928-1929 -- winter, influenza and pneumonia epidemic ~50,000
3449. 1929 -- polio (acute), especially late summer and fall, especially children, U.S. -- 812
3450. 1929 --~Jan 13, fishing trawler *Seiner* lost, Georges Bank, out of New London CT-- 21
3451. 1929 -- Jan 18, tornadoes, IL-IN, MO, IL, KY -- 10
3452. 1929 -- Jan 22, train hits Greyhound bus in snowstorm, near Bellevue, OH -- 20
3453. 1929 -- Jan 26, explosion, Kingston Pocahontas Coal Mine, Kingston, WV -- 14
- 1929 -- Feb 14, St. Valentine's Day Massacre, Capone gang vs. Moran gang, Chicago-- 7
3454. 1929 -- Feb 25, tornado, F4, Bolivar County, MS -- 19
3455. 1929 -- Mar 17, Colonial Western Airways tri-motor sightseeing crash, Newark, NJ-- 14
3456. 1929 -- Mar 21, explosion, Kinloch Coal Mine, Parnassus, PA -- 46
3457. 1929 -- Apr 05, tornadoes, Pierce/St. Croix/Dunn/Barron/Rusk/Sawyer Counties, WI-- 12
3458. 1929 -- Apr 10, tornadoes, AR -- 55
3459. 1929 -- Apr 21, tornado, Crew and Desha Counties, AR -- 13
3460. 1929 -- Apr 25, tornadoes, GA -- 49
3461. 1929 -- May 02, tornadoes, especially Rye Cove School, Scott County, VA -- 22
3462. 1929 -- May 15, Cleveland Clinic (hospital) fire/explosion/gas, Cleveland, OH -- 125
3463. 1929 -- May 27, explosion, Connellsville Coal Mine, Yolande, AL -- 10
3464. 1929 -- July 04, drownings, Grand Haven State Park, MI -- 10
3465. 1929 -- July 09, train derails, then hit by train, Erie Railroad, near Corning, NY -- 12
3466. 1929 -- July 18, flash flood, bridge down, train wreck, Stratton, CO -- 10
3467. 1929 -- July 26-28 (Fri.-Sun.) heat wave, weekend drownings, MI/20-21, WI/18 --38-39
- 1929 -- July 28, speedboats *Zipper* and *Miss Thriller* collide at night, W. Okoboji Lake, IA-9
3468. 1929 -- Aug 18, train derailment, Henryetta, OK -- 14
3469. 1929 -- Aug 29, steamer *San Juan* hit by tanker *S.C.T. Dodd*, sinks ~Pigeon Pt. CA-75-78
- 1929 -- Sep 3, 1<sup>st</sup> US lightning-hit plane crash, Transcontinental Air, Mt. Taylor, NM-- 8
3470. 1929 -- Sep 9, steamer *Andaste* sinks, Lake Michigan storm, 14m west off Holland MI-25
3471. 1929 -- Sep 20, fire, Study Club Dance Hall, 65 East Vernor Hwy., Detroit, MI -- 22
3472. 1929 -- Sep 24-29, hurricane, FL -- 10
3473. 1929 -- Oct 3-4, CO State Penitentiary uprising (8 guards, 5 convicts die), Canon City, CO-13

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<sup>91</sup> Same hurricane hit FL three days later. In that the "Great Okeechobee Hurricane and Flood" receive more attention -- due to very large loss of life -- and overshadows PR loss of life, we treat the hurricane separately here.

3474.	1929 -- Oct 17, fire, Portland Hotel Rooming House, First Ave., Seattle, WA	-- 10
3475.	1929 -- Oct 22, RR car carrier <i>Milwaukee</i> sinks, Lake MI storm ~7m NE Milwaukee WI--	52
3476.	1929 -- Oct 29, steamer <i>Wisconsin</i> sinks, Lake Michigan storm, off Kenosha, WI	-- ≥12
3477.	1929 -- Oct 31, fog, steamers collide, <i>Senator</i> sinks, Lake MI, off Port Washington, WI--	7-10
3478.	1929 -- Dec 10, fire (lamp), Pathe Film Studio, Manhattan, NYC, NY	-- 10
	1929 -- Dec 11, prison riot, eight convicts and head keeper killed, Auburn Prison, NY <sup>92-9</sup>	
3479.	1929 -- Dec 17, explosion, Old Town Mine, McAlester, OK	-- 61
	1929 -- Dec 25, man kills wife, six children, suicide, Walnut Cove, NC	-- 8
3480.	1930-1939 Dust Bowl, TX and OK Panhandles	-- 68
3481.	1930 -- influenza, 48 States and District of Columbia (pneumonia was 88,770)	--23,066
3482.	1930 -- malaria, nationwide, esp. AL, AR, FL, GA, LA, MS, OK, SC, TN, TX	--3,572
3483.	1930 -- polio, especially late summer through fall	--1,370
3484.	1930 -- Jan 02, motion picture planes collide, Santa Monica, CA	-- 10
3485.	1930 -- Jan 19, Transcontinental Air Transport Flight #7 crash, Oceanside, CA	-- 16
3486.	1930 -- Jan 22, train hits school bus, Sheldon Road crossing, Berea, OH	-- 10
3487.	1930 -- Jan 28, tug <i>Edgar F. Coney</i> sinks/storm, Gulf of Mex. ~70m off Sabine Pass TX--	14
3488.	1930 -- Feb 06, coal mine explosion, Standard Coal Mine, Standardville, UT	-- 23
3489.	1930 -- Feb 23, train/car/train collisions, near Kenosha, WI	-- 14
3490.	1930 -- Mar 26, mine explosion, Crown Coal Co. Yukon Mine, Arnettville, WV	-- 12
3491.	1930 -- Mar 30, coal mine explosion, Pioneer Coal Mine, Kettle Island, KY	-- 16
3492.	1930 -- Apr 03, explosions, Pennsylvania Fireworks Display Company, Devon, PA--	10
3493.	1930 -- Apr 11, train hits Pickwick-Greyhound bus, near Isleta, NM	-- 22
3494.	1930 -- Apr 12, coal mine explosion, Carbonado Coal Mine, Carbonado, WA	-- 17
3495.	1930 -- Apr 21, fire, Ohio State Penitentiary, Columbus, OH	--320-322
3496.	1930 -- Apr 24, Long Island Sound freighter <i>Thames</i> burns, near Captains Island, CT--	16
	1930 -- Apr 27, plane buzzes spectators, crashes at air show near Fayetteville, TN	-- 9
3497.	1930 -- May 01, tornadoes, KS, MO, NE, IA, WI	-- 14
3498.	1930 -- May 06, tornadoes, TX	-- 81
3499.	1930 -- May 08, gas explosion, Armour Meat Processing Plant, St. Joseph, MO	-- 19
	1930 -- May 30, hail storm, northwest of Lubbock, TX	-- 1
3500.	1930 -- May 18, tornadoes, Arkansas and Phillips Counties, AR	-- 20
3501.	1930 -- June 10, fog/collision/fire, <i>Fairfax</i> /oil tanker <i>Pinthis</i> /all 19, off Scituate, MA--	50
3502.	1930 -- July-Aug, heat waves, especially District of Columbia, MD, PA	-- 150
	1930 -- July 14, fire, Glenn gold mine, Placer County, CA	-- 5
3503.	1930 -- July 29, OH sandsucker <i>George J. Whelan</i> capsizes/sinks/squall/cargo shift ~Dunkirk NY--	15
	1930 -- Aug 31, tsunami, Southern California, Redondo Beach, CA	-- 1
3504.	1930 -- Sep 01, Seattle halibut schooner <i>Orient</i> hit by freighter ~Vancouver Isl., B.C.--	10
3505.	1930 -- Sep 16/17, SF CA schooner <i>South Coast</i> sinks near Cape Blanco OR coast--	18-19
3506.	1930 -- Oct 27, coal mine explosion, Wheatley No. 4 Coal Mine, McAlester, OK	-- 30
3507.	1930 -- Nov 05, methane explosion, Sunday Creek Coal Mine No. 6, Millfield, OH--	82
3508.	1930 -- Nov 8, lumber steamer <i>Brooklyn</i> swamped by breakers, Humboldt Bar, Eureka, CA--	18
3509.	1930 -- Nov 18, heavy rain, flooding, Kalihi in Honolulu, Hawaii	-- 12
3510.	1930 -- Nov 19, tornado, Oklahoma County, OK	-- 23

<sup>92</sup> Three other convicts were later executed at Sing Sing Prison, NY for their role in the violence.

3511.	1930 -- Nov 29, coal mine explosion, Lutie No. 5. Coal Mine, Lutie, OK	-- 15
	1930 -- Dec 06, Lamb coal mine explosion, Madrid, NM	-- 5
3512.	1931 -- carbon monoxide poisoning in garages, nationwide	-- 469
3513.	1931 -- “epidemic cerebrospinal meningitis,” <sup>93</sup> esp. IL/259, NY/278, PA/232	--2,832
3514.	1931 -- diphtheria, esp. children, esp. IL/381, PA/365, KY/349, OK/293, AR/267	--5,738
3515.	1931 -- influenza (31,701) and pneumonia, all forms (96,974), especially PA	--128,675
3516.	1931 -- malaria, esp. GA/305, SC/252, MS/232, FL/223, AL/213, AR/181, LA/139	--2,536
3517.	1931 -- measles, esp. children, esp. PA/442, IL/357, MO/272, NY/250, KY/191	--3,576
3518.	1931 -- polio, esp. July-Oct (Aug peak), esp. NY, NJ, MI, MA, IL, CT, PA	--2,139-2,144
3519.	1931 -- scarlet fever, esp. children, esp. IL/359, NY/231, OH/227, PA/225	--2,651
3520.	1931 -- tuberculosis, esp. PA/10,857, NY/8,618, CA/5,308, IL/4,830, OH/4,253	--81,395
3521.	1931 -- whooping cough, esp. children, esp., by death rate, NM/11.7, ID/11.4	--4,619
3522.	1931 -- Jan 28, gas explosion, Little Betty Coal Mine, Dugger, near Linton, IN	-- 28
3523.	1931 -- Mar 17, fire, stockade, Duplin County Jail, Kenansville, Duplin County, NC	-- 11
3524.	1931 -- Apr 13, fire and carbon monoxide poisoning, sewerage tunnel, Chicago IL	-- 11
3525.	1931 -- June-Sep, heat, esp. West/Midwest/NE, esp. IL/632, WI/295, IA/211, MO	--2,768
3526.	1931 -- July 24, fire, Little Sisters Home for the Aged/Poor, Pittsburgh, PA	-- 48
3527.	1931 -- Aug 03, bus goes through open drawbridge, Sampit River ~Georgetown, SC <sup>94</sup>	--23
3528.	1931 -- Nov 23, snowstorm, Navajo and Zuni snowbound on mesas south of Gallup NM	--11
3529.	1932 -- polio (acute), especially late Summer and Fall, especially children	-- 885
3530.	1932 -- Jan 12, tornadoes, Hale, Tuscaloosa, Marengo, Perry counties, AL	-- 10
3531.	1932 -- Jan 14, tornado, Gibson County, TN	-- 10
3532.	1932 -- Feb 04, oil tanker <i>Bidwell</i> explosion, Marcus Hook, PA	-- 18
3533.	1932 -- Feb 05, Boston schmr. <i>Eleanor Nickerson</i> hit/sinks off SE of Cape Sable, NS	-- 21
3534.	1932 -- Feb 27, Boissevain Coal Mine explosion, Boissevain, VA	-- 38
3535.	1932 -- Mar 09, NJ Public Service Co. Gas Plant explosion, South Camden, NJ	-- 14
3536.	1932 -- Mar 21-22, “Deep South” tornadoes, AL $\geq$ 268, GA/37, KY/2, SC/3, TN/22	--332-350
3537.	1932 -- Apr 14, State Office Building natural gas explosion, Columbus, OH	-- 10
3538.	1932 -- June 07, Ellington Apartments explosion/arson/mass murder, Cleveland, OH	-- 13
3539.	1932 -- June 13, Splashdam No. 6 Coal Mine explosion, Splashdam, VA	-- 10
	1932 -- July 28, US Military engages “Bonus Expeditionary Force” veterans, DC	-- 2
3540.	1932 -- Aug 13-14, hurricane, Brazoria County ( $\geq$ 41) and Galveston Co. (5), TX	--46-47
3541.	1932 -- Sep 09, explosion, steam screw <i>Observation</i> , East River off Manhattan NY	-- 72
3542.	1932 -- Sep 26-27, San Ciprian Hurricane, Puerto Rico	-- 257
3543.	1932 -- Sep 27, OR steamer <i>Nevada</i> strands on rocks, Aleutian Island Amatignak, AK	--34
3544.	1932 -- Sep 30, flash flood, Tehachapi Creek basin, Woodford, Kern County, CA	-- $\geq$ 15
	1932 -- Nov 24, violence, Julian Marcelino rampage with knives, Seattle, WA	-- 6
3545.	1932 -- Dec 07, Morgan-James Coal Mine explosion, Madrid, NM	-- 14
3546.	1932 -- Dec 09, Zero Coal Mine explosion, Yancey, KY	-- 23
3547.	1932 -- Dec 24, coal mine methane gas explosion, Moweaqua, Shelby County, IL	-- 54

<sup>93</sup> “Epidemic Cerebrospinal Meningitis,” is name used for this malady in U.S. Census, *Mortality Statistics 1931*.

<sup>94</sup> This was the deadliest non-collision bus disaster in the U.S. until May 9, 1980 when a freighter hit the Skyway bridge in Tampa, knocking out a span, causing a Greyhound bus to fall into the Bay with 26 fatalities.

3548. 1933 -- polio (acute), especially late summer and fall, especially children -- 797
3549. 1933 -- Jan 24, storm, diesel *Umnak Native* strands, Umnak Isl., Inanudak Bay, AK-11-12
3550. 1933 -- Feb 07-12, cold waves and winter storms, esp. Central & Upper Midwest--90-150
- 1933 -- Feb 08-09, Millard Hotel fire, firefighters killed by falling walls, Omaha, NE-- 7
3551. 1933 -- Mar 11, earthquake, Long Beach, CA -- 120
3552. 1933 -- Mar 14, tornado outbreak, esp. Nashville, Pruden, Kingsport area, TN --45-52
- 1933 -- Mar 25, gasoline stove explosion under whisky still, home fire, ~Fargo, OK-- 7
3553. 1933 -- Mar 25, Varney Speed (Air) Lines plane crash, San Leandro, CA -- 14
3554. 1933 -- Mar 30/31, tornado outbreak/high winds, AL/2 AR/1 LA/11 MS/56 TX/18-- 88
3555. 1933 -- Apr 04, storm, USN dirigible *Akron* crash/73, 2 rescuers, off Barnegat City, NJ-- 75
3556. 1933 -- May 01, tornadoes (2), Webster/Bienville/Claiborne, LA -- 34
3557. 1933 -- May 05, tornadoes, Brent/SE Centreville/Helena & Choctaw/Sumter, AL -- 25
3558. 1933 -- May 05, tornado, Anderson and Laurens counties, SC -- 19
3559. 1933 -- May 09, tornado, Monroe, Cumberland, Adair, Russell counties, KY -- 36
3560. 1933 -- May 10, tornado, Overton, Pickett counties, TN -- 35
3561. 1933 -- May 12-15, floods, esp. OH, Wabash, Miss. Rivers, IA/IL/IN/KY/OH/PA --15-18
3562. 1933 -- May 22, tornadoes, OK, KS, NE, ND -- 16
3563. 1933 -- June 02, Richfield Meandor Oil Refinery explosion, Long Beach, CA -- 10
3564. 1933 -- June 09, fire, Atlantic Pyroxylin Waste Co., North Arlington, NJ -- 10
3565. 1933 -- June 11, Chicago Exposition sightseeing plane crash, near Glenview, IL -- 9-10
- 1933 -- June 17, shooting murder of four law officers plus prisoner, Kansas City, MO-- 5
3566. 1933 -- July 30-Sep, St Louis Encephalitis epidemic, St. Louis City & County, MO-- 201
3567. 1933 -- Aug 23-24, hurricane, MD (12-14), NJ (2-3), NY (2-3), PA/11, VA/16-18 --45-51
3568. 1933 -- Aug 29, storm, bridge weakened, train wreck, Tucumcari, NM -- 11
3569. 1933 -- Sep 4-5, SW TX hurricane, Brownsville, Fort Ringgold, Harlingen, Rio Hondo--37-40
3570. 1933 -- Sep 05, passenger and milk trains collide, Erie Railroad, Binghamton, NY --14-23
3571. 1933 -- Sep 15-16 hurricane, coastal NC (21), VA (2-4), PA (1)<sup>95</sup> --23-26
3572. 1933 -- Oct 03, wildfire, Griffin Park, Los Angeles County, CA --28-33
3573. 1933 -- Oct 10, plane bombing/sabotage, United Airlines, Chesterton, IN -- 10
3574. 1933 -- Dec 14, school bus hit, Atlantic Coast Line train, near Crescent City, FL -- 11
3575. 1933 -- Dec 20-25, storms, dikes fail/slides/flooding, Pacific Northwest (OR/WA/ID)~24
3576. 1933 -- Dec 26-28, winter storm/coldwave, Pacific NW, Upper Mid-West, NE--102-- 145
3577. 1933 -- Dec 30-31, flooding, Southern CA -- 45
3578. 1934 -- polio (acute), especially late summer and fall, especially children -- 852
3579. 1934 -- Feb 20, fire, Penn. Mem. Home/Hosp. (Civil War veterans widows), Brookville, PA--10
3580. 1934 -- Mar 24, fire, Federal Transient Bureau lodging, Lynchburg, VA -- 22
- 1934 -- Apr 15, Nevin Western bus hits truck on side of road, near Elyria, OH -- 6
- 1934 -- May 08, Missouri Pacific grain elevator dust explosions & fire, St. Louis, MO-- 7
- 1934 -- May 16, freighter hits/sinks Nantucket Shoals Lightship, Fog, NYC -- 7
3581. 1934 -- summer, esp. mid-July-mid-Aug heat, esp. Midwest, esp. MO, IL, KS, OH--3,250
- 1934 -- June 4, dynamite explodes, Petty Geophysics Engineering crew, ~Norman OK--7
3582. 1934 -- June 12, tuna clipper *Belle Isle* sails from San Diego, not heard from again-- 12

<sup>95</sup> There were 21 NC deaths, 2 in VA (and a report of four , though we have been unable to find more specific information, thus we are unsure. There was one PA death, if one includes the drowning of a miner, caught in a flooded mine due to hurricane (tropical storm remnant)-generated heavy rain.

3583.	1934	-- July 22, bus with defective brakes runs off road, burns, Ossining, NY	--19-20
3584.	1934	-- July 24-26, hurricane, Brazoria, Matagorda, Jackson, Galveston counties, TX	--11
3585.	1934	-- Aug 06, Derby No. 3 Coal Mine explosion, Big Stone Gap, VA	-- 17
3586.	1934	-- Sep 08, S.S. <i>Morro Castle</i> ship fire, off coast of Sea Girt, NJ	--134-135
3587.	1934	-- Oct 21, windstorm, WA	-- 21
3588.	1934	-- Nov 09, schooner <i>John R. Manta</i> lost after sailing from Providence, RI	-- 31
	1934	-- Nov 12, Rohl Connolly granite quarry explosives detonation, Avalon, CA	-- 9
	1934	-- Nov 16, auto's collide/burn, Hensheytown, ~Bellwood and Altoona, PA	-- 7
3589.	1934	-- Dec 11, fire, Kerns Hotel, Grand Avenue, Lansing, MI	-- 34
3590.	1934	-- Dec 27, boiler explosion, engine hauling mine workers, McDunn, WV	-- 18
3591.	1935	-- polio (acute), especially late summer-and fall, especially children	--1,040
	1935	-- Jan 01, Cherokee County home for elderly men dormitory fire, Gaffney, SC	-- 5
3592.	1935	-- Jan 21, coal mine gas explosion, Gilberton Coal Mine, Gilberton, PA	-- 13
3593.	1935	-- Jan 24, collision, liner <i>Mohawk</i> (sinks) & freighter <i>Talisman</i> , off Sea Girt, NJ	--45
3594.	1935	-- Feb 08, tornado, Leon and Houston Counties, TX	-- 12
3595.	1935	-- Feb 23, winter storm, snow, sleet, Northeast U.S., especially NY, NJ, PA	-- 10
3596.	1935	-- Mar 15-22, dust storms, MO, NE, NM, esp. KS/8 deaths, CO/6, TX/1	-- 15
3597.	1935	-- Apr 06, tornado, Wilkinson/Amite, MS; St. Helena, LA	-- 14
3598.	1935	-- Apr 12, school bus and train collide, Rockville, MD	-- 14
3599.	1935	-- May 30-June 1, floods, esp. Republican/Kansas Riv., esp. NE, CO, KS	--159-168
3600.	1935	-- July 07-11, Mohawk & Upper Susquehanna River flooding, NY & PA	-- 52
	1935	-- Aug 20, vehicles collide, wet road, car slides into bus path, ~Bowie, MD	-- 5
3601.	1935	-- Aug 31-Sep 10, Labor Day Hurricane, FL Keys, esp. Upper FL Keys	--408-500
3602.	1935	-- Sep 29, fire, arson, tenement, Chicago, IL	-- 10
3603.	1935	-- Oct 07, United Airlines airport approach crash, Cheyenne, WY	-- 12
3604.	1935	-- Oct 07, explosion, Glidden Soybean Processing Plant, Chicago, IL	-- 11
3605.	1935	-- Dec 22, bus goes off Appomattox River drawbridge, Hopewell, VA	-- 14
3606.	1936	-- polio (acute), especially late Summer and Fall, especially children, US	-- 780
3607.	1936	-- Jan 12, freighter SS <i>Iowa</i> grounds/sinks, Columbia Riv. bar, Peacock Spit, WA	-- 34
3608.	1936	-- Jan 14, plane crash, American Airlines Douglas DC-2, Goodwin, AR	-- 17
3609.	1936	-- Jan 18, tornadoes, AL (6 deaths), FL (7 deaths), GA (7 deaths)	-- 20
3610.	1936	-- Jan 18-28, extreme cold/snow/sleet/wind, Midwest to Atlantic, esp. OH	--211-263
3611.	1936	-- Jan 24, train hits car at crossing, all 11 members of family killed, Grabill, IN	-- 11
3612.	1936	-- Jan 31, highway accident & fire, prison transport van, Scottsboro, AL	-- 20
3613.	1936	-- Feb 01-28, polar cold-waves, snow, blizzards, snowslides, flooding, esp. MI	--273
3614.	1936	-- Feb 03, fire, dormitory, Parker Dam construction site, Colorado River, CA	-- 10
	1936	-- Feb 04, carbon monoxide poisoning, Fusco family, Rankin, PA	-- 6
3615.	1936	-- Feb 12, fire, Victoria Mansion Hotel, Lexington & Seventh, Lakewood, NJ	-- 16
	1936	-- Feb 18, Broyles home fire, overheated stove, South Hutchinson, KS	-- 7
3616.	1936	-- Mar 11-21, flooding, New England	-- 200
3617.	1936	-- Mar 17-20, "St Patrick's Day Floods", esp. Pittsburgh & Johnstown PA	-- ~100
3618.	1936	-- Mar 28, bus hit by Central of Georgia train at railroad crossing, Bryon, GA	-- 11
3619.	1936	-- Apr 02, tornado, F4, Crisp County (especially Cordele), GA	-- 36
3620.	1936	-- Apr 02, tornado, F4, Guilford County, NC	-- 14

3621. 1936 -- Apr 05, tornadoes, AL/8, AR/1, MS/224-233, TN/16, esp. Tupelo, MS --249-258
3622. 1936 -- Apr 06, tornadoes and fires (esp. Cooper Pants Factory), Gainesville, GA -- 203
3623. 1936 -- Apr 07, TWA Flight No. 1 crash into Mt., Fairchance, PA (southwest PA) -- 12
3624. 1936 -- May 16, Terminal Hotel fire, Atlanta, GA -- 32
3625. 1936 -- June 19, outboard motor boat capsizes, children drown, Lake Gardner, ME-- 12
3626. 1936 -- July-Aug (esp.), Heat, esp. MN/772 MO/644 IL/634 MI/617 WI/500--4,678-5418  
 1936 -- July 18, train hits car/9 occupants, RR crossing, Dundee, near Ann Arbor, MI-- 9  
 1936 -- July 25, seaman thrown from plane, bird collision-prevention maneuver -- 1
3627. 1936 -- Jul 29, barge *Material Service* sinks, Lake Mich. storm, off So. Chicago, IN<sup>96</sup>--15
3628. 1936 -- Aug 01, fire, Kathleen Coal Mine, Dowell, IL -- 9
3629. 1936 -- Sep 02, Hutchinson Coal Co. mine explosion , Macbeth, WV -- 10
3630. 1936 -- Sep 05, Skyways sight-seeing plane crash, Buttermilk Hollow, PA ~Pittsburgh-10
3631. 1936 -- Sep 26-29, wildfires, SW OR, esp. Bandon & Prosper (Sep 26), (also NO CA)-- 11
3632. 1936 -- Oct 06, Morning Mine lead mine shaft accident, Mullan, ID -- 10
3633. 1936 -- Oct 17, Can. *Sand Merchant* sinks, Lake Erie storm, US water off Avon Pt., OH-- 19
3634. 1936 -- Nov 22, landslides (2), Mount Roberts debris into apt. bldgs. Juneau, AK<sup>97</sup>-- 15
3635. 1936 -- Nov 24, L train rear-ended, No. Shore Line Interurban, Chicago, IL -- 10  
 1936 -- Nov 30, Funkhouser slate quarry explosives detonation, Delta, PA -- 9
3636. 1936 -- Dec 19, plane crash, Eastern Air NC13732, Milford, PA -- 14
3637. 1936 -- Dec 27, plane crash, United Flight 34, Rice Canyon, Newhall, CA -- 12
3638. 1937 -- polio (acute), especially late summer and fall, especially children --1,461
3639. 1937 -- Jan 11-Feb 15,<sup>98</sup> flooding, OH/MS river valleys, esp. AR/KY/MO/OH/TN--408-467
3640. 1937 -- Jan 25, Tamiami Trail Tours bus goes in Everglades canal ~Coral Gables, FL--17
3641. 1937 -- Jan 26, rescue barge capsizes during Ohio flooding, Paducah, KY -- 14
3642. 1937 -- Jan 30, WPA worker barge sinks, Birds Pt./New Madrid Spillway, MO --26-30
3643. 1937 -- Feb 05, flooding, natural gas leak/explosion/fire, Floyd St., Louisville KY-- 10
3644. 1937 -- Feb 09, United Air Flight 23 plane crash, San Francisco Bay, CA -- 11
3645. 1937 -- Feb 17, construction scaffolding collapse, Golden Gate Bridge, San Fran., CA-10  
 1937 -- Feb 19, detonation of explosives, Walker copper quarry, Walkermine, CA-- 6
3646. 1937 -- Mar 11, Hutchinson Coal Co. mine explosion, Macbeth, WV -- 18
3647. 1937 -- Mar 18, natural gas explosion, consolidated school, New London, TX --311-319
3648. 1937 -- Mar 21, Ponce massacre, police fire on marchers, Ponce, Puerto Rico -- 19
3649. 1937 -- Mar 24, roller-skate team bus tire blowout, hits bridge, fire, Salem, IL -- 21
3650. 1937 -- Mar 25, inflight icing, crash, TWA NC13730, Clifton (~Pittsburgh), PA -- 13  
 1937 -- Apr 10, Charles A Krause Milling Co. dust explosion & fire, Greenfield, WI-- 9  
 1937 -- Apr 18, pyrotal stored in Waszuk family basement explodes, Muskego, WI-- 9
3651. 1937 -- May 06, German dirigible *Hindenburg* explodes, Lakehurst, NJ -- 36  
 1937 -- May 16, spectators killed, Langhorne Speedway, Langhorne, PA -- 3
3652. 1937 -- May 30, unarmed striking steel workers shot by police, Chicago, IL -- 10  
 1937 -- May 30, two-car collision on curve/6 one family, Hwy. 42, Newtonburg, WI-- 9

<sup>96</sup> While South Chicago is in IL, starting about ½ mile off coast the water is in Indiana jurisdiction. The *Material Service* went down beyond ½ mile from the coast, thus in IN water. Lake County, IN, had local jurisdiction.

<sup>97</sup> Fourteen at the time and one from injuries about one week later.

<sup>98</sup> Flood waters remained in some localities into March. There were a few flooding deaths in late February. However the great majority of fatalities noted herein are within Jan 11 and Feb 15, most in a shorter timeframe.

	1937 -- June 26, automobiles collide head-on, west of Erick, OK	-- 6
3653.	1937 -- July 15, Baker Coal Mine explosion, Sullivan, IN	-- 20
3654.	1937 -- Aug 11, heavy rain, 3 tenement buildings collapse, New Brighton, S.I., NY-19-23	
3655.	1937 -- Aug 21, Blackwater Wildfire (lightning) kills firefighters, Shoshone Nat. For., WY-15	
3656.	1937 -- Aug 30-Sep 1, tropical cyclone, freighter SS <i>Tarpon</i> sinks off Panama City, FL--18	
3657.	1937 -- Sep-Oct, Elixir Sulfanilamide poisoning when diethylene glycol added	--105-106
3658.	1937 -- Oct 15, Mulga Coal Mine explosion, Mulga, AL	-- 34
3659.	1937 -- Oct 17, United Airlines #1 transport plane crash, Humpy Ridge, UT	-- 19
3660.	1937 -- Oct 22, school bus hit by Rock Island Line <i>Rocket</i> , Mason City, IA	-- 10
3661.	1937 -- Oct 26, Evan-Jones Coal Mine explosion and fire, Jonesville, Alaska	-- 14
3662.	1938 -- encephalitis, MA (38 cases and 25 deaths)	-- 25
3663.	1938 -- polio (acute), especially late summer and fall, especially children	-- 487
3664.	1938 -- Jan 10, Northwest Orient Airlines #2 plane crash, Bridger Canyon, MT	-- 10
3665.	1938 -- Jan 12, Harwick Coal Mine explosion, Harwick, PA	-- 10
3666.	1938 -- Feb 02, two US Navy PBY-2 bombers collide mid-air, off southern CA	-- 11
3667.	1938 -- Feb 17, tornado, Cass County, TX; Caddo County, LA	-- 21
3668.	1938 -- Feb 27-Mar 4, storm/flash flooding, esp. LA/62, Orange/45 counties, So. CA--	≥146
3669.	1938 -- Mar 15, tornado, Greene Co., AR; Dunklin, Pemiscot Counties, MO	-- 10
3670.	1938 -- Mar 15, tornado, F4, St. Clair County, IL	-- 10
3671.	1938 -- Mar 30, tornado, IL	-- 13
3672.	1938 -- Mar 30, tornado, F4, Craig Co., OK; Labette/Cherokee Counties, KS	-- 10
3673.	1938 -- Mar 30, war games, 2 USN Consolidated patrol bombers crash, off Oahu, HI--	11
3674.	1938 -- Mar 30-31, tornadoes, AR and MO	-- 11
	1938 -- Apr 04, grain dust explosion, nine-story grain elevator, New Orleans, LA	-- 6
3675.	1938 -- Apr 07, tornado, near Aliceville, Pickens County, AL	-- 11
3676.	1938 -- Apr 22, Keen Mountain Coal Mine explosion, Red Jacket, Hanger, VA	-- 45
3677.	1938 -- May 16, Terminal Hotel fire, Atlanta, GA	-- 35
3678.	1938 -- May 24, United Airlines Flight 9 fire and crash, near Cleveland, OH	-- 10
3679.	1938 -- June 02, Butler Slope Coal Mine gas explosion, Pittston, PA	-- 10
3680.	1938 -- June 10, tornado, F5, Callahan County, TX	-- 14
3681.	1938 -- June 19, flash flood, bridge fails, train-cars fall into Custer Creek ~Saugus MT-47	
3682.	1938 -- July 28-Aug 15, heat waves, nation, esp. AZ, CA, New Eng., NY, PA	-- 127
3683.	1938 -- July 29, Pan Am Air's "Hawaii Clipper" out of Alameda CA, lost, Pacific	-- 15
	1938 -- Aug 31, dynamite explosion, Asheville granite quarry, Asheville, NC	-- 5
3684.	1938 -- Sep 21, Long Island NY and New England Hurricane, esp. RI, MA, CT--	682-712
3685.	1938 -- Sep 29, tornado, Charleston County, SC	-- 32
	1938 -- Oct 10-11, forest fires, Border area of Ontario (19) and MN (3) <sup>99</sup>	-- 22
3686.	1938 -- Oct 11, forest fire, Border of Ontario/Minnesota	-- 22
	1938 -- Oct 19, forest fire (arson), Pepper Hill, ~Sinnemahoning, Cameron Co., PA--	8
	1938 -- Nov 19, auto with 7 crippled children falls into mine-pit, Wilkes-Barre, PA--	8
3687.	1938 -- Dec 01, train hits Jordan High School bus at RR crossing, Midvale, UT	-- 26
3688.	1939 -- diphtheria, esp. Jan-Mar, Sep-Dec, esp. TX/188, NC/164, IL/116, GA/100	--1,997
3689.	1939 -- influenza (21,464) & pneumonia, esp. CA, IL, MI, MO, NY, OH, PA, TX--	99,097

<sup>99</sup> A Canadian event, listed in that 3 U.S. firefighters died on MN side of border.



3690. 1939 -- malaria, esp. May-Nov, esp. AR/265, MS/235, AL/198, TX/170, SC/168 --1,761  
3691. 1939 -- polio, especially late summer through fall, especially children -- 773  
3692. 1939 -- tuberculosis, nationwide, esp. CA, IL, NY, OH, PA, TN, TX --61,609  
3693. 1939 -- whooping cough, esp. TX/233, NC/229, AL/166, IL/161, VA/158, PA/157 --3,026  
3694. 1939 -- salmon fishing vessel *Oduna* (or *Oduno*) sinks off Noyes Island, AK -- 12  
3695. 1939 -- Mar 18, Boeing Stratoliner test flight crash, near Adler, Mt. Rainier, WA -- 10  
3696. 1939 -- Apr 16, tornadoes, Drew, Cleveland, Jefferson counties, AR -- 32  
1939 -- May 13 hailstorm, near Lubbock, TX -- 1  
3697. 1939 -- May 23, submarine *Squalus* sinks in test dive 16 miles off Portsmouth, NH-- 26  
3698. 1939 -- June-Sep, heat, esp. Sep 15-23, Los Angeles (546), TX (42), MO.37<sup>100</sup> --527-1,073  
3699. 1939 -- July 04-05, flash flooding, esp. Breathitt/52, Rowan/25, Lewis counties, NE KY-79  
3700. 1939 -- July 14, explosion, Duvin Coal Mine, Providence, KY -- 28  
3701. 1939 -- Aug 11, two USAAF plane crashes, Langley Field VA (9); Miramar CA (2)-- 11  
3702. 1939 -- Aug 12, sabotage, *City of San Francisco* derails, Humboldt Riv. Gorge ~Harney, NV-24  
3703. 1939 -- Sep 25, tropical storm, esp. boating off Long Beach/San Pedro areas, CA --50-54
3704. 1940 -- influenza/pneumonia, esp. CA/4043, IL/4293, MO, NY, OH, PA, TN, TX 92,525  
3705. 1940 -- malaria, esp. AL/204, TX/177, AR/176, MS/174, GA/107, SC/117, FL/98--1,442  
3706. 1940 -- polio, esp. IN/79, MI/73, IA/64 OH/62 WV/59 IL/58 KS/51 CA/47 WI/46--1,026  
3707. 1940 -- syphilis, US death rate 14.4 per 100K pop, esp. FL DC AZ DE MS MD --19,006  
3708. 1940 -- tuberculosis, esp. NY/5851, PA/3948, TX/3571, CA/3541, IL/3439, OH --55,576  
3709. 1940 -- whooping cough, esp. TX/250, KY/178, LA/150, MS/146, NY/141 --2,926  
3710. 1940 -- Jan 03, fire, Marlborough (apartment) Hotel, Minneapolis, MN -- 19  
3711. 1940 -- Jan 10, mine explosion, Pond Creek Mine, Bartley, WV -- 91  
3712. 1940 -- Jan 23-24, snow/coldwave, MS, Al, GA, NC, SC, TN, VA, DC, MD, NJ -- 17  
3713. 1940 -- Feb 10, tornado, F4, Dougherty County, GA -- 18  
3714. 1940 -- Feb 14, winter Nor'easter, Mid-Atlantic states-New England, west to OH --56-69  
3715. 1940 -- Mar 12, tornado, Harrison, TX; Caddo/Bossier, LA -- 10  
3716. 1940 -- Mar 14, train hits farm workers truck at Highway 83 crossing, Alamo, TX -- 29  
3717. 1940 -- Mar 16, Hanna Coal Co. Willow Grove Mine explosion, ~St. Clairsville, OH-- 72  
3718. 1940 -- Apr 19, speeding *Lake Shore Ltd.* train derails, Gulf Curve, Little Falls, NY-- 31  
3719. 1940 -- Apr 21, two cars collide head-on (young people 17-23), Slayton, MN<sup>101</sup> -- 12  
3720. 1940 -- Apr 23, Rhythm Night Club fire/suffocation/trampling, Natchez, MS -- 209  
3721. 1940 -- Apr 30, tornadoes, AR, MO -- 11  
1940 -- May 19, earthquake, Imperial Valley, CA -- 9  
3722. 1940 -- June 17, two USAAF bombers collide/crash, Bellerose Manor, Queens, NY-- 12  
3723. 1940 -- July 15, coal mine explosion, Sonman, Portage Township, Cambria Co., PA-- 63  
3724. 1940 -- July 30, explosions/conflagration, R. M. Hollingshead Plant, Camden, NJ-- 10  
3725. 1940 -- July 31, gasoline-electric & freight trains collide/fire, Cuyahoga Falls, OH-- 43  
3726. 1940 -- Aug 11-12, hurricane, GA (2) and SC (34) -- 36  
3727. 1940 -- Aug 13-14, remnant rain/flash floods/slides/debris flows, mts of NC/34 TN/4 VA/5--43  
3728. 1940 -- Aug 27, coal mine explosion, Bates No. 2 Cole Mine, Bates, AR -- 10

<sup>100</sup> Low-end of range is from Census Bureau and reflects death certificates listing heat as primary cause of death. High-end of range reflects results of Dept. of Public Health funded study of late Sep heat wave deaths in So. CA, in which 546 excess deaths above the norm were reported during 9-day "hot spell."

<sup>101</sup> This was at the time the deadliest "pleasure car" accident in the country.

3729. 1940 -- Aug 31, plane crash, Pennsylvania Central Airlines DC-3, Lovettsville, VA-- 25
3730. 1940 -- Sep 12, explosion, Hercules Powder Company, Kenil Works, Kenil, NJ -- 51  
 1940 -- Oct 20, plane catches parachute's shrouds, crashes, Marianna Airshow, AR-- 6
3731. 1940 -- Nov 04, plane crash, United Air Lines DC-3, Centerville, UT -- 10  
 1940 -- Nov 07, automobile/gravel truck collide, all killed, Pipestone, MN -- 9
3732. 1940 -- Nov 11, roach-killer tainted pancakes food poisoning, Salvation Army Ctr., Pittsburgh PA--12
3733. 1940 -- Nov 11-12, Armistice Day storm, esp. IL/13, Lake MI/66, MN/49, WI/13-166-170  
 --24 *Anna C. Minch* (Canadian). Sank South of Pentwater, MI.  
 -- 5 *Indian*, fishing boat, Lake Michigan, between Grand Haven and Holland, MI  
 -- 2 *Novadoc* steamer grounds at Juniper Beach, Pentwater, MI.  
 -- 3 *Richard H.*, fishing boat, lost near Grand Haven MI on Lake Michigan  
 --32 *William B. Davock*, bulk carrier, near Ludington, MI.  
 1940 -- Nov 28, natural gas explosion/fire, R. Gilbert Warehouse, Toppenish, WA-- 8
3734. 1940 -- Nov 29, Nelms No. 1 coal mine explosion, NE of Cadiz, OH -- 31
3735. 1940 -- Dec 04, United Airlines DC-3 (NC25678) plane crash, Chicago, IL -- 10
3736. 1940 -- Dec 17, natural gas explosion, mercantile & apartment bldg., Cincinnati, OH-- 13
3737. 1941 -- measles, esp. children, esp. VA/170, GA/160, KY/158, SC/138, TN/133 --2,279
3738. 1941 -- polio, especially late summer and fall, especially children -- 807
3739. 1941 -- Sulfathiazole Winthrop poisoning (tablets contaminated with phenobarbital)--≥82
3740. 1941 -- Jan 04, USN transport *R2D-1* landing crash, San Diego, CA -- 11
3741. 1941 -- Jan 21, *Mary E. O'Hara* & barge collide entrance to Boston Harbor, MA- -18-20
3742. 1941 -- Feb 05, fire, New Haven Quilt and Pad Company, New Haven, CT -- 10
3743. 1941 -- Feb 07, fire, Salvation Army homeless shelter/lodging, Akard St., Dallas, TX--13
3744. 1941 -- Mar 10, fire and roof collapse, Strand Theater, Brockton, MA -- 13
3745. 1941 -- Mar 24, steamer *Cities Service Denver* explosion/fire, off NC/SC coast --19-20
3746. 1941 -- Mar 15, blizzard/snow storm, ND, MN, WI, OH, PA, NY -- 82
3747. 1941 -- May 22, Panhandle No. 2 Coal Mine explosion, Bicknell, IN -- 14
3748. 1941 -- June 19, USS *0-9* (SS-70) lost, deep submerge. test off Isle of Shoals, NH-- 33
3749. 1941 -- June 29, cabin cruiser *Don* explodes and burns off Bailey Island, ME -- 37
3750. 1941 -- July 10, Acmar No. 6 Coal Mine explosion, Acmar, AL -- 11
3751. 1941 -- Aug 18, fire, NY & Cuba Mail Steamship Co. piers, *Panuco*, Brooklyn, NY --34-35
3752. 1941 -- Oct 17, USS *Kearny* torpedoed by German submarine, off Iceland -- 11
3753. 1941 -- Oct 26, Greyhound bus hits concrete railing, burns, Clanton, AL -- 17
3754. 1941 -- Oct 26, tornadoes, F4, Yell, Pope, Ashley Counties, AR -- 19
3755. 1941 -- Oct 27, Daniel Boon Coal Mine explosion, Daniel Boone, KY -- 15
3756. 1941 -- Oct 28, home fire, Montclair, NJ -- 12
3757. 1941 -- Oct 30, American Air #1 crash, NYC to Chicago, St. Thomas, Ont. Canada-- 20
3758. 1941 -- Oct 30, Northwest Airlines DC-3 crash, Moorhead, MN<sup>102</sup> -- 14
3759. 1941 -- Oct 31, USN destroyer *Reuben James* sunk (prior to Pearl), U-boat, ~Iceland-115
3760. 1941 -- Nov 02, USN PBM "Flying Boat" crashes, mountain ~Krysuvik, Iceland -- 12
3761. 1941 -- Dec 02, Amer. tanker *Astral* sunk by U-boat off coast of Lisbon, Portugal --all 37
3762. 1941 -- Dec 04, bridge construction failure, Charter Oak Bridge, Hartford, CT -- 16
3763. 1941 -- Dec 07, attack by Japanese on Pearl Harbor, HI --2,402
3764. 1941 -- Dec 7, cargo ship *Cynthia Olson* sunk by Japanese sub, Pacific, btw. Tacoma & Honolulu--35

<sup>102</sup> Was attempting Fargo, ND landing – went down just north of the Moorhead, MN city limits.

3765. 1941 -- Dec 10, freighter *Oregon* sinks, collision with USN ship off Nantucket MA-- 17  
 1941 -- **Dec 11, U.S. declares war on Germany** after Germany declares war on U.S.
3766. 1941 -- Dec 12, explosion, melt unit, Iowa Ordnance Plant, Burlington, IA -- 13
3767. 1941 -- Dec 19, US freighter *Prusa* sunk by Japanese sub ~150-300M so. of Honolulu-10
3768. 1941 -- Dec 30, 3 USAAF planes crash in CA; ~Allensworth, Keller Peak, Oakland-- 11
- 
3769. 1942 -- polio, especially late summer and fall, especially children, US -- 561  
 1942 -- Lake Erie large wave, Cleveland, OH -- 7
3770. 1942 -- Jan 8, Army minelayer *General Richard Arnold* capsizes, storm off Isles of Shoals, NH-10
3771. 1942 -- Jan 14, five USAAF planes crash, AL, ID, NH, TX, VA -- 15
3772. 1942 -- Jan 15, UK tanker *Coimbra* (out of Bayonne, NJ), torpedoed by U-boat 50M so. Shinnecock L.I., NY-36
3773. 1942 -- Jan 16, TWA Flight 3 (Carole Lombard killed) hits Potosi Peak, NV -- 22
3774. 1942 -- Jan 17, USAAF crashes, Riverside CA, Pendleton Field OR, Curtis Field TX-- 10
3775. 1942 -- Jan 18, tanker *Allan Jackson* sunk by U-boat ~60m east-ne, Diamond Shoals, NC-22
3776. 1942 -- Jan 18, US merchant stmr. *Frances Salman* sunk by U-boat off Cape Race, Nfld.-all 28
3777. 1942 -- Jan 19, US freighter *City of Atlanta* sunk, U-boat ~10m off NC SE of Manteo--43
3778. 1942 -- Jan 19, US freighter *Norvana* sunk by U-boat ~50m north of Cape Hatteras NC--29
3779. 1942 -- Jan 20, fire, Melvin Hall Apartments, Lynn, MA -- 13
3780. 1942 -- Jan 24, US collier *Venore* sunk by U-boat ~20m southeast of Cape Hatteras, NC-17
3781. 1942 -- Jan 24, USS *S-26* accidentally rammed/sunk by PC-460, Gulf of Panama -- 46
3782. 1942 -- Jan 26, U.S. freighter *West Ivis* sunk by U-boat, off Cape Hatteras, NC -- 45
3783. 1942 -- Jan 27, coal mine explosion, Wadge Coal, Mount Harris, CO -- 34
3784. 1942 -- Feb 02, US tanker *W.L. Steed* sunk, U-boat, ~90m off Delaware Riv. mouth, DE--34
3785. 1942 -- Feb 04, US tanker *India Arrow* sunk by U-boat, ~20m SE of Cape May, NJ-- 26
3786. 1942 -- Feb 04, USAAF planes crash, Lake Tahoe NV, Brooks Field TX, Trinity Ctr CA-10
3787. 1942 -- Feb 06, US freighter *Major Wheeler* sunk by U-boat, ~130m off Cape Hatteras NC-35
3788. 1942 -- Feb 06, tornadoes, GA -- 13
3789. 1942 -- Feb 11, four USAAF planes crash, Taft, Lemoore CA, Granby CT, WA -- 13
3790. 1942 -- Feb 18, USS *Truston* and USS *Pollux* run aground, storm, Placentia Bay NF--204
3791. 1942 -- Feb 19, US tanker *Pan Massachusetts* sunk by U-boat ~20m off Cape Canaveral FL--20
3792. 1942 -- Feb 20, US freighter *Lake Osweya* sunk by U-boat, Atlantic, off SW Nova Sc.--39
3793. 1942 -- Feb 20, seven U.S. military planes crash, CA, Wash. DC, TX (2), WA (2) -- 13
3794. 1942 -- Feb 21, US freighter *Azalea City* sunk by U-boat ~25 miles SE of Ocean City MD-- 38
3795. 1942 -- Feb 22, US tanker *Cities Service Empire* sunk by U-boat off Cape Canaveral FL-14
3796. 1942 -- Feb 22, towboat *G. W. McBride* hits bridge pier, sinks, Ohio R., Cincinnati-- 16
3797. 1942 -- Feb 22, US tanker *W.D. Anderson* sunk by U-boat off Jupiter Island, FL -- 35
3798. 1942 -- Feb 22, US tanker *J.N. Pew* sunk by U-boat, Caribbean, ~225M west of Aruba-33  
 1942 -- Feb 22, train hits car at crossing, near Abingdon, VA -- 8
3799. 1942 -- Feb 24, US freighter *Norlavore* founders in storm off Cape Hatteras, NC --all 28  
 1942 -- Feb 26, bus with airmen hit by train, RR crossing, snow storm, ~Enid, OK-- 7
3800. 1942 -- Feb 27, US tanker *R.P. Resor* sunk by U-boat ~20m east of Manasquan Inlet NJ-48
3801. 1942 -- Mar 04, explosion, Iowa Ordnance Plant, Burlington, IA -- 22
3802. 1942 -- Mar 05, USAAF planes crash, St. Lucie Riv., Port Sewall, FL; off NC/VA-- 15
3803. 1942 -- Mar 05, US freighter *Mariana* sunk by U-boat ~30M no. of east Turks Isl. --all 36
3804. 1942 -- Mar 06, US freighter *Steel Age* sunk by sub, S. Atlantic ~130m NE Paramaribo, Suriname-34

- 1942 -- Mar 07, car and ammo truck collide/fire/delayed explosion, ~Selma, NC<sup>103</sup>-- 7
3805. 1942 -- Mar 07, merchant marine *Independence Hall* hits reef/sinks off Sable Isl., NS--10
3806. 1942 -- Mar 07, passenger freighter *Barbara* sunk by sub ~9M NNE of Tortuga Isl., Dom. Rep.- 26
3807. 1942 -- Mar 10, U.S. tanker *Gulftrade* sunk by U-boat 3m off Barnegat Light, NJ -- 18
3808. 1942 -- Mar 11, freighter *Caribsea* (NYC homeport) sunk by U-boat off Cape Lookout NC-21
3809. 1942 -- Mar 12, US freighter *Texan* sunk by U-boat off NE Cuba near Puerto Padre-- 10
3810. 1942 -- Mar 12, US tanker *John D. Gill* torpedoed by U-boat, off Cape Fear, NC --19-23
3811. 1942 -- Mar 13, US freighter *Colabee* U-boat torpedoed ~10M off Cape Guajaba, Cuba--25
3812. 1942 -- Mar 14, US merchant vessel *Lemuel Burrows* torpedoed, off Atlantic City, NJ-20
3813. 1942 -- Mar 15, plane crash, USAAF B-17 flies into Mt. near Pendleton, OR -- 10
3814. 1942 -- Mar 16, tornadoes, IL, KY, MS, TN, AL, IN -- 145
3815. 1942 -- Mar 17, US tanker *Acme* torpedoed by U-boat ~1m west Diamond Shoals Light NC-11
3816. 1942 -- Mar 18, eleven USAAF planes crash, CA (5), OH (4), TX, WV -- 11
3817. 1942 -- Mar 19, US tanker *W.E. Hutton* sunk by torpedo, Atlantic, off Beaufort, NC-- 13
3818. 1942 -- Mar 22, American tanker *Muskogee* sunk by U-boat, northeast of Bermuda--all 34
3819. 1942 -- Mar 23, US tanker *Naeco* torpedoed btw. Cape Lookout & Wilmington, NC-- 24
3820. 1942 -- Mar 26, Sandts Eddy Limestone Quarry dynamite explosion, Easton PA -- 31
3821. 1942 -- Mar 26, tanker *Dixie Arrow* torpedoed, u-boat off Diamond Shoals Buoy, NC--11
3822. 1942 -- Mar 29, passenger ship *City of New York* sunk, U-boat, ~40m off Cape Hatteras NC -24-26
3823. 1942 -- Mar 31, tug *Menominee* shelled/sunk by U-boat ~9.5m off Metompkin Inlet, VA-16
3824. 1942 -- Apr 2, US freighter *David H Atwater* shelled/sunk, U-boat off Chincoteague Isl. VA-23-24
3825. 1942 -- Apr 02, six USAAF planes crash, Helena, AR; Planada, CA, Leary, GA;  
Savannah AB, GA; San Angelo, TX; Everett, WA -- 12
3826. 1942 -- Apr 03, 7 USAAF planes crash: Strevell, ID; Barksdale Field, LA; Elizabeth City, NC;  
West Greenwich, RI; Lexington Airfield, Shaw Field, SC; Espiritu Santo Bay, TX-- 20
3827. 1942 -- Apr 03, US freighter *Otho* sunk by U-boat ~200M east of Cape Henry, VA- 31-32
3828. 1942 -- Apr 05, US tanker *Byron D. Benson* sunk by U-boat 7.5M off Currituck Inlet, NC- 10
3829. 1942 -- Apr 05, USAAF B-17 Flying Fortress bomber plane crash, Oahu, HI -- 10
3830. 1942 -- Apr 08, US tanker *Oklahoma* sunk by U-boat ~10m off St. Simon's Isl., GA-- 19
3831. 1942 -- Apr 09, US tanker *Eugene V.R. Thayer* shelled/sunk by sub ~20m off N. Brazil-11
3832. 1942 -- Apr 10, US tanker *Gulfamerica* torpedoed by U-boat ~5M off Jacksonville, FL-19
3833. 1942 -- Apr 11, tanker *Harry F. Sinclair Jr.* torpedoed by U-boat ~7M so. Cape Lookout, NC-10
3834. 1942 -- Apr 12, two U.S. Navy bombers crash near Livermore, CA -- 14
3835. 1942 -- Apr 14, US freighter *Margaret* sunk by U-boat ~45 off Cape Hatteras, NC-- 29
3836. 1942 -- Apr 15, US freighter *Robin Hood* sunk by U-boat, Atlantic, ~300M off NJ-- 14
3837. 1942 -- Apr 16, two USAAF planes crash, Chesapeake Bay; MacDill Field, FL -- 10
3838. 1942 -- Apr 21, US passenger ship *San Jacinto* sunk by U-boat, Atlantic off NC/SC/GA coast--14
3839. 1942 -- Apr 23, US tanker *Connecticut* sunk by German torpedo boat, so. Atlantic --36-38
3840. 1942 -- Apr 23, US freighter *Lammot Du Pont* sunk by U-boat ~500M no. of Bermuda--19
3841. 1942 -- Apr 26, US freighter *Alcoa Partner* sunk by U-boat, Caribbean ~80m NNE of Bonaire-10
3842. 1942 -- Apr 27, tornadoes, Rogers, Mayes (Pryor), Counties, OK --56-60
3843. 1942 -- Apr 28, tornado, F4, Foard County, TX -- 11
3844. 1942 -- Apr 29, tornado, Allen, Bourbon, Linn Counties, KS -- 15
3845. 1942 -- Apr 29, four USAAF planes crash; Kodiak, AK; Smyer, TX; Orlando, FL -- 15
3846. 1942 -- May 01, United Air plane flies into mountain peak near Salt Lake City, UT-- 17

<sup>103</sup> Intersection of State Highways 70 and 301, where the collision occurred is just between Selma and Smithfield.

3847. 1942 -- May 02, tornadoes, 3 F4s, 10 counties in OK -- 26

3848. 1942 -- May 3, USAAF crashes OR/WA, Meacham, Pleasant Val., OR; McChord Field, WA-17

3849. 1942 -- May 4, US freighter *Eastern Sword* sunk by U-boat, So. Atlantic, off Georgetown, Guyana-16

3850. 1942 -- May 4, US tanker *Joseph M. Cudahy* torpedoed by U-boat ~Dry Tortugas Isl., FL--27

3851. 1942 -- May 4, US tanker *Munger T. Ball* sunk by U-boat ~80M NW of Dry Tortugas, FL- 30

3852. 1942 -- May 06, U.S. Army Air Force B-17 plane lost, Gulf of Mexico -- 10

3853. 1942 -- May 08, U.S. freighter *Ohioan* sunk by U-boat ~8M off Boynton Beach, FL-- 15

1942 -- May 11, Peerless coal mine number 2 shaft explosion, Excelsior, AR -- 6

3854. 1942 -- May 12, Christopher No. 3 Coal Mine gas/dust explosion, Osage, WV -- 56

3855. 1942 -- May 12, 6 planes crash/collide, IL (2), OK (4 planes, 7 dead), WA (5 dead)-- 14

3856. 1942 -- May 12, US tanker *Virginia* sunk by sub. 1.5m off Southwest Pass, MS Riv., LA--27

3857. 1942 -- May 13, US tanker *Gulfpenn* sunk by U-boat ~30M south of MS Riv. mouth, LA- 13

3858. 1942 -- May 14, US tanker *David McKelvey* torpedoed ~35M south of MS Riv. mouth, LA-17

3859. 1942 -- May 15, four USAAF crashes, CA (2), ~Wendover Field, UT, ~Mason, TX -- 10

3860. 1942 -- May 16, US tanker *Gulfoil* sunk by U-boat ~75M SW of MS Riv. Delta, Gulf--21

3861. 1942 -- May 16, US tanker *William C. McTarnahan* torpedoed SW of Port Fourchon, LA--18

3862. 1942 -- May 18, US freighter *Quaker City* sunk by U-boat ~300 miles east of Barbados--11

3863. 1942 -- May 19, US freighter *Heredia* sunk by U-boat 2M SE of Ship Shoal Buoy, LA-36

3864. 1942 -- May 19, US freighter *Ogontz* sunk by U-boat ~70M SE of Cozumel Isl., Gulf of MX- 19

3865. 1942 -- May 20, US tanker *Halo* sunk by U-boat ~15M south of Port Fourchon, LA-- 39

3866. 1942 -- May 22/23, flooding, Eastern, Central, Northeastern, PA --32-42

1942 -- May 24, USAAF transport plane crash, swamp near Howe Brook, ME -- 6

3867. 1942 -- May 26, American tanker *Carrabulle* sunk by U-boat, Gulf of Mexico -- 22

3868. 1942 -- May 27, US freighter *Jack* sunk by U-boat ~100M SW of Port Salut, Haiti--37-39

3869. 1942 -- May 28, US freighter *Alcoa Pilgrim* sunk by U-boat ~150M so. of Mona Passage--31

1942 -- May 31, fishermen drown, large Lake Erie wave hits north coast of OH -- 7

3870. 1942 -- June 01, two USAAF (MD and PA) planes crash, and one US Navy (CA) -- 9-10

3871. 1942 -- June 01-2, US freighter *Illinois* sunk by U-boat ~400M NE of Puerto Rico--31-32

3872. 1942 -- June 2-3, US freighter *City of Alma* sunk by U-boat ~400m NE of San Juan PR- 29

3873. 1942 -- June 3, US tanker *M.F. Elliott* sunk by U-boat ~150M northwest of Trinidad-- 13

3874. 1942 -- June 04, US Army AF LB-30 plane crash, near Hamilton Field, CA -- 14

3875. 1942 -- June 04, US freighter *Velma Lykes* sunk by U-boat ~20m off Puerto Juarez, MX--15

3876. 1942 -- June 05, US tanker *L.J. Drake* sunk by sub SE of Isla Saona, Dominican Rep.--41

3877. 1942 -- June 05, munitions explosion, Elwood Ordnance Plant, Joliet, IL --48-52

3878. 1942 -- June 05, US Navy PB5Y-5A #05023, plane lost, NAS Pensacola to Gulf -- 10

3879. 1942 -- June 08, US freighter *Sicilien* sunk by U-boat ~10m so. of Cape Beata, Dom. Rep.--46

3880. 1942 -- June 08, USN dirigibles collide, *Defender/G-1*, Atlantic, off Lakehurst NJ -- 12

3881. 1942 -- June 9-10, US freighter *Merrimack* sunk by U-boat ~65m SE Cozumel Isl. --43-44

3882. 1942 -- Jun 12, tanker *Cities Service Toledo* sunk by U-boat, Gulf, so. of Marsh Isl., LA-15

3883. 1942 -- Jun 12, US passenger ship *Sixaola* sunk by U-boat ~50m off Bocas del Toro, Panama-29

3884. 1942 -- June 12, tornado, F4, Oklahoma County, OK -- 35

3885. 1942 -- June 15, passenger ship *Cherokee* sunk by U-boat, Atlantic ~50M off Boston, MA-86

3886. 1942 -- June 15-16, US freighter *Kahuku* sunk by U-boat, 70M west of Grenada --17-18

3887. 1942 -- June 17, US freighter *Millinocket* sunk by U-boat off La Isabela, north Cuba-- 11

3888. 1942 -- June 23, US tanker *Rawleigh Warner* sunk by U-boat south of East Bay, LA-- 33

3889. 1942 -- June 24, US tug *John R. Williams* hits mine laid by U-Boat off Cape May, NJ--14

3890. 1942 -- Jun 28, US freighter *Raphael Semmes* sunk by sub so. of Bermuda, ~875m E of Cape Canaveral-19
3891. 1942 -- Jun 28, US freighter *Tillie Lykes* sunk by sub ~100m so. Santo Domingo, Dom. Rep.-33
3892. 1942 -- June 29, US freighter *Ruth* sunk by U-boat, Caribbean, ~320M NNE Barbuda--35
3893. 1942 -- July 01, US Army AF Douglas C-49E plane crash, near Premier, WV -- 21
3894. 1942 -- July 3, freighter *Alexander Macomb* sunk by U-boat ~175m east of Cape Cod, MA-10
3895. 1942 -- July 08, Liberty Bell trolley and freight car collide, near Norristown, PA -- 12
3896. 1942 -- July 09, mine explosion, Pursglove Coal Mining No. 2, Pursglove WV -- 20
3897. 1942 -- July 09, anchored US tanker *Benjamin Brewster* torpedoed ~2.5M off Grand Isle, LA-25
3898. 1942 -- July 13, US tanker *R.W. Gallagher* sunk by U-boat, Gulf, SE of Morgan City, LA-10-11
3899. 1942 -- July 17-18, Rainstorms and Flooding, North-Central PA & Southern NY -- 16
3900. 1942 -- July 18, U.S. Army Air Force B-17 plane crash, North Reading, MA -- 10
3901. 1942 -- July 23, US freighter *Onondaga* sunk by U-boat ~5m no. of Cayo Guillermo, Cuba-20
3902. 1942 -- July 30, U.S. Army AF C-73, plane crash (takeoff) Minneapolis, MN -- 10
3903. 1942 -- July 30, US freighter *Cranford* sunk by U-boat ~250 miles E-SE of Barbados--11
3904. 1942 -- July 30, US passenger ship *Robert E. Lee* sunk by sub ~50m SE MS. Riv. entrance, LA-- 25
3905. 1942 -- July 30, last communication, US submarine *Grunion*, off Kiska Island, AK<sup>104</sup>--70
3906. 1942 -- Aug 15, US Army AF C-53 plane crash, near Garnet Peak, Peru, MA -- 16
3907. 1942 -- Aug 17, submarine USS *Bass* fire, asphyxiations, Pacific off Panama --26 of 80
3908. 1942 -- Aug 17, US tanker *Louisiana* sunk by U-boat ~200M off Paramaribo, Suriname-49-50
3909. 1942 -- Aug 19, USN plane hits tugboat, Coco Solo Navy Base, Panama Ca. Zone--12-14
3910. 1942 -- Aug 22, fog, convoy destroyer *Ingraham* sinks; had hit tanker *Chemung* off Nova Scotia--~218
3911. 1942 -- Sep 11, U.S. Army Air Force B-24 plane crash, Mt. Baldy, AZ -- 10
3912. 1942 -- Sep 11, Warhawk plane crash, Curtiss-Wright Plant, near Buffalo, NY -- 14
3913. 1942 -- Sep 13, last sighting, Seattle halibut schooner *Helgeland* off Kodiak Isl., AK-10-11
3914. 1942 -- Sep 16, US freighter *Commercial Trader* sunk by U-boat ~75M east of Trinidad-- 10
3915. 1942 -- Sep 19, US freighter *Wichita* sunk by U-boat ~75 miles south of Barbados--all 50
3916. 1942 -- Sep 22, 8 USAAF planes crash or collide, CT, FL (3), GA, ME (2), PA -- 25
3917. 1942 -- Sep 24, US freighter *John Winthrop* sunk by U-boat, N. Atlantic, for NY --all 52
3918. 1942 -- Sep 24, US freighter *West Chetac* sunk by sub ~100m no. of Georgetown, Brit. Guiana--31
3919. 1942 -- Sep 24, three-train crash, Smith's Cut, south of Frederick ~Dickerson, MD-- 14
3920. 1942 -- Oct 01, USAAF C-39 transport plane crashes near Coamo, Puerto Rico -- 22
3921. 1942 -- Oct 03, gasoline tanker, wagon and bus collide, explosion ~Lumberton NC-11-12
3922. 1942 -- Oct 03, USN Sikorsky Flying Boat *Excalibur* crashes, Botwood, NFLD, Can.- 11
3923. 1942 -- Oct 17, US Army Air Force B-17 plane crash, Sierra Grande Mt., NM -- 11
3924. 1942 -- Oct 23, American Air and USAAF B-4 planes collide,, Palm Springs, CA -- 12
3925. 1942 -- Oct 28, Bus with children/workers goes past flashing lights, hit by Train, Detroit, MI-16
3926. 1942 -- Oct 29, Tornado, F4, Carroll County, AR -- 29
3927. 1942 -- Nov 06, gunpowder explosion, Rochester Fire Works Co., East Rochester, NY-11
3928. 1942 -- Nov 07, US freighter *Nathaniel Hawthorne* sunk by sub ~40M NE Isla de Margarita-- 38
3929. 1942 -- Nov 11, USN patrol plane (Banana Riv. NAS) crash 5M off Melbourne FL--9-11
3930. 1942 -- Nov 18, sodium fluoride poisoning, patients, OR State Hospital, Salem, OR-- 47
3931. 1942 -- Nov 23, US tanker *Caddo* sunk by U-boat, east of Halifax, Nova Scotia --51-53
3932. 1942 -- Nov 28, fire/trampling/suffocation, Cocoanut Grove Nightclub, Boston, MA--498
3933. 1942 -- Nov 30, US Army Air Force B-17 plane crash, near Sioux City, IA -- 10
3934. 1942 -- Dec 2, Navy boat capsizes (shore-leave sailors); Narragansett Bay ~Jamestown, RI-15

<sup>104</sup> Perhaps sunk by its own torpedo which missed its target and circled back to hit the *Grunion*.

3935.	1942	-- Dec 02, U.S. Army Air Force B-17 plane crash, near Grace, ID	-- 10
3936.	1942	-- Dec 02, tug <i>Admiral</i> sinks, Lake Erie storm ~10m Avon Pt. Cleveland, OH--	14
3937.	1942	-- Dec 03, tanker-barge <i>Cleveco</i> sinks, Lake Erie Blizzard 6m No. Euclid, OH--	18
3938.	1942	-- Dec 05, USAAF C-47 approach crash, ~Maxwell Field, Montgomery, AL	-- 12
3939.	1942	-- Dec 15, Western Airlines plane crash, Fairfield, UT	-- 17
3940.	1942	-- Dec 22, Rockslide crushes passenger bus, near Aliquippa, PA	-- 22
3941.	1942	-- Dec 30, U.S. Army Air Force B-17 plane crash, Musselshell, MT	-- 12
3942.	1942	-- Dec 31, freighter <i>Maiden Creek</i> sinks in storm, ~47M off SE. Long Isl., NY--	20
3943.	1942	-- Dec (late) to first week Jan 1943, flooding, Willamette Valley, Western OR--	10
3944.	1943	-- measles, especially children	--1,301
3945.	1943	-- polio, especially late summer and fall, especially children	--1,151
3946.	1943	-- whooping cough, especially children, nationwide	--3,368
3947.	1943	-- Jan 02, U.S. Army Air Force B-17 plane crash, Elko, NV	-- 10
3948.	1943	-- Jan 06, U.S. Army Air Force B-24 plane crash, White City, KS	-- 11
3949.	1943	-- Jan 06, U.S. Army Air Force B-24 plane crash, Madill, OK	-- 10
3950.	1943	-- Jan 08, Pursglove Coal Mine No. 15 fire, Pursglove, WV	-- 13
3951.	1943	-- Jan 9, US freighter <i>Birmingham City</i> sunk by U-boat, So. Atlantic 100m NE of Paramaribo-	10
3952.	1943	-- Jan 09, US tanker <i>Broad Arrow</i> sunk by U-boat, ~100M no. of Paramaribo--	23
3953.	1943	-- Jan 09, US freighter <i>Collingsworth</i> sunk by sub, So. Atlantic ~100m N of Paramaribo--	12
3954.	1943	-- Jan 12, U.S. Army Air Force B-24 plane crash, Alamogordo, NM	-- 10
3955.	1943	-- Jan 12, USN destroyer <i>Worden</i> hits rock/sinks, Constantine Hbr. ent., Amchitka Isl., AK--	14
3956.	1943	-- Jan 15, U.S. Army Air Force B-17 plane crash, Gowen Field, ID	-- 10
3957.	1943	-- Jan 15, USAAF C-54 (TWA Contract), crash, Dutch Guiana [Suriname]	-- 35
3958.	1943	-- Jan 17, U.S. Army Air Force B-24 plane crash, Alamogordo, NM	-- 11
3959.	1943	-- Jan 18, U.S. Army Air Force B-24 plane crash, Bassett Peak, AZ	-- 11
3960.	1943	-- Jan 20, US tanker <i>Brilliant</i> splits/sinks, gale, east of north Newfoundland	-- 11
3961.	1943	-- Jan 21, Pan Am 1104 (USN transport) crash, Mt. ~Boonville & Ukiah CA	-- 19
3962.	1943	-- Jan 24, U.S. Army AF B-24 plane crash, White Sands Nat. Monumt. NM	-- 11
3963.	1943	-- Jan 24, U.S. Army Air Force B-24 plane crash, Ruidoso, NM	-- 10
3964.	1943	-- Jan 24, U.S. Army Air Force B-17 plane crash, near Ordway, CO	-- 10
3965.	1943	-- Jan 25, U.S. Army Air Force B-17 plane crash, New Albany, OH	-- 12
3966.	1943	-- Jan 26, U.S. Army AF Douglas B-23 Dragon plane crash, Flomaton, AL	-- 10
3967.	1943	-- Jan 31, U.S. Army AF Consolidated Liberator plane crash, Tucson, AZ	-- 11
3968.	1943	-- Jan 31, fire, Lake Forest Park Sanitarium, <sup>105</sup> Lake Forest Park, WA	-- 32
3969.	1943	-- Feb 05, Mid-air Collision, two USAAF B-25 bombers, Newberry, SC	-- 14
3970.	1943	-- Feb 11, U.S. Army AF bomber plane crash, Near Walla Walla, WA	-- 10
	1943	-- Feb 11, fire and suffocation (elderly), convalescent home, Sioux Falls, SD--	7
	1943	-- Feb 16, fire, rooming house, Augusta, ME	-- 8
3971.	1943	-- Feb 17, U.S. Army Air Force B-17 plane crash, near Huron, SD	-- 12
3972.	1943	-- Feb 18, Boeing XB-29 crash into Frye Packing Plant, fire, Seattle, WA	--32-34
3973.	1943	-- Feb 20, USN Minesweeper <i>YMS-133</i> capsizes in trough, Coos Bay bar, OR--	13
3974.	1943	-- Feb 25, U.S. Army Air Force B-17 plane crash, near Glenrock, WY	-- 10
3975.	1943	-- Feb 26, U.S. Army Air Force B-17 plane crash, Biggs Field, El Paso, TX	-- 10
3976.	1943	-- Feb 27, gas explosion, Smith Coal Mine #3, Bearcreek-Washoe area, MT	--74-75

<sup>105</sup> For elderly, invalids and persons suffering from mental disabilities. Lake Forest Park is just north of Seattle.

3977. 1943 -- Feb 28, mid-air collision, two USAAF B-26 bombers, Avon Park, FL -- 11
3978. 1943 -- Mar 22, USAAF AT-18 plane crash, Army Air Field, Harlingen, TX -- 10
3979. 1943 -- Mar 24, fragmentation bombs explos., Portage Ordnance Depot, Portage, OH--11
3980. 1943 -- Mar 27, USAAF plane explos., structural failure, crash, Oliver Springs, TN-- 11
3981. 1943 -- Mar 29, U.S. Army Air Force B-17 plane crash, Ephrata AFB, WA -- 11
3982. 1943 -- Apr-Jun, flooding, Maumee/Wabash/White Rivers, upper MI/MO -- 60
3983. 1943 -- Apr 03, Gulf Oil tanker *Gulfstate* sunk by sub ~50m south Marathon Key, FL--43
3984. 1943 -- Apr 12, USAAF plane crash near Davis-Monthan Field, Tucson, AZ -- 10
3985. 1943 -- Apr 15, USAAF plane crash, Buckingham Army Air Field, Fort Myers, FL-- 11
3986. 1943 -- Apr 19, cabin cruiser *Legionnaire* sinks, South Bay, off Long Island, NY -- 10
3987. 1943 -- Apr 21, USAAF B-24D plane lost ~210 miles off Virginia Beach, VA -- 10
3988. 1943 -- Apr 21, USAAF C-69A plane crash, Evansville Municipal Airport, IN -- 10
3989. 1943 -- Apr 23, Mid-Air Collision, USAAF, B-26C's, Army Air Base, Venice FL -- 13
3990. 1943 -- Apr 26, U.S. Army Air Force B-24D plane crash, near Ballinger, TX -- 10
3991. 1943 -- Apr 29, USAAF B-24 lost, Pacific, Hamilton Field, CA to Hickam Field, HI-- 10
3992. 1943 -- May 04, explosion, Triumph Explosives Inc. munitions plant, Elkton, MD -- 15
3993. 1943 -- May 04, US freighter *Oneida* springs leak/sinks, storm, ~100M off Norfolk VA--31
3994. 1943 -- May 05, NuRex Coal Mine explosion, LaFollette, TN -- 10
3995. 1943 -- May 07, USAAF B-17F plane crash, Army Air Base, Dalhart, TX -- 11
3996. 1943 -- May 08, USAAF C-47 plane crash, near Tinker Field, Oklahoma City, OK-- 15
3997. 1943 -- May 11, Praco No. 10 coal mine explosion, Praco, AL -- 12
3998. 1943 -- May 13, mid-air collision, USAAF B-24's, ~ Biggs Field, El Paso, TX -- 15
3999. 1943 -- May 15, US Army AF C-47 plane crash, Ginger Cake Mountain, NC -- 18
4000. 1943 -- May 16, runway collision, USAAF B-17's, Ephrata Army Air Base, WA -- 10
4001. 1943 -- May 20, USAAF B-24E plane crash into natural gas tank, fog, Chicago IL-- 12
4002. 1943 -- May 22, USAAF B-17G plane crash, ~Army Air Base, Rapid City SD -- 11
4003. 1943 -- May 23, USAAF B-17F plane crash, Yellowstone National Park, MT -- 10
4004. 1943 -- May 29, USAAF B-24D plane lost,, Pacific Ocean off coast of CA -- 10
4005. 1943 -- May 31, USAAF C-67 plane crash, Smith Creek Valley, NV -- 11
4006. 1943 -- June 01, MM *John Morgan* and tanker *Montana* collide off Cape Henry, VA-- 86  
--67 freighter *John Morgan* (42 merchant marine crew, 15 Naval Armed Guard)  
--19 tanker *Montana* (9 crew and 10 Naval Armed Guard)
4007. 1943 -- June 05, Army truck crashes through bridge over railroad near Nashville, TN-- 19
4008. 1943 -- June 07, USAAF transport plane crash, near Laurinburg-Maxton Field, NC-- 20
4009. 1943 -- June 10, tanker *Esso Gettysburg* torpedoed ~100M southeast of Savannah GA- 57
4010. 1943 -- June 12, U.S. Navy submarine *R-12 (SS 89)* floods, sinks, off Key West, FL-- 42
4011. 1943 -- June 13, Two USAAF B-17F bombers collide near Fedora, SD --10-11
4012. 1943 -- June 15, U.S. Army Air Force B-24E planes collide, near Ruidoso, NM -- 19
4013. 1943 -- June 20-22, racial rioting (25 blacks and 9 whites killed), Detroit, MI -- 34
4014. 1943 -- June 25, Navy plane crash, St. John River near Green Cove Springs, FL -- 13
4015. 1943 -- June 26, six USAAF plane crashes/collisions, CA (2), FL (2), ME, SC -- 16
4016. 1943 -- June 28/29, USAAF B-17 plane crash, Big Horn Mts., Cloud Peak, WY -- 10
4017. 1943 -- June 29, USAAF B-24E plane crash,, Alamogordo Army Air Base, NM -- 10
4018. 1943 -- July 02, Navy VF-5 plane crash, Table Top Mt. ~NAS Dutch Harbor, AK --10-11
4019. 1943 -- July 03, USAAF B-17F plane crash,, White City, KS -- 10
- 1943 -- July 04, autos collide, near Marienville, Northwest PA -- 8



4020. 1943 -- July 05, USAAF B-24E crash in fog, Green Mt., San Miguel Island, CA -- 12
4021. 1943 -- July 07, USN PB4Y1 Liberator plane crash off NAS Barbers Pt., Oahu, HI-- 11
4022. 1943 -- July 12, Nitramon test explosion mishap, Eglin Air Force Base, Pensacola, FL-17
4023. 1943 -- July 15, USAAF B24D sea crash at end of runway, Castle Harbour, Bermuda--11
4024. 1943 -- July 19, USAAF C-53D plane crash, near Malcolm and Lincoln, NE -- 13
4025. 1943 -- July 19, USAFF B-24E crash, Taylor Canyon, 27 mi NE of Gunnison, CO-- 11
4026. 1943 -- July 21, planes collision USAAF B-26C's, near Parrish, FL -- 10
4027. 1943 -- July 24, USAAF B-17A plane crash, near Army Air Base, Ephrata, WA -- 13
4028. 1943 -- July 27, hurricane, Southeast TX coast, USACE dredge *Galveston* sinks/11-- 20
4029. 1943 -- July 28, U.S. Army AF B-24E structural failure and crash, Adena, CO -- 12
4030. 1943 -- July 28, USAAF B-24E plane crash, 12 miles N Biggs Field, El Paso, TX -- 11
4031. 1943 -- July 28, American Airlines Flight #63 crashes near Trammel, KY -- 20
4032. 1943 -- Aug 01, US Army Air Force CG-4 glider demo flight crash, St. Louis, MO-- 10
4033. 1943 -- Aug 04/5, flash flood, Little Kanawha River Basin, central WV -- 23
4034. 1943 -- Aug 09, U.S. Navy bomber crashes into bus, Pearl Harbor Navy Yard, HI -- 11
- 1943 -- Aug 10, lightning kills soldiers on drill field, Fort Belvoir, VA -- 6
4035. 1943 -- Aug 10, two Walla Walla USAAF bombers crash, ~Cecil, OR, Paterson, WA--15
4036. 1943 -- Aug 12, U.S. Army Air Force B-24A plane crash, near Indio, CA -- 10
4037. 1943 -- Aug 14, USAAF B-24E plane crash, Shoshone Nat. Forest, ~Dubois, WY -- 11
4038. 1943 -- Aug 14, U.S. Army Air Force B-24E plane crash, near Ellsworth, KS -- 11
4039. 1943 -- Aug 16, U.S. Army Air Force B-24E plane crash, near Pueblo, CO -- 10
4040. 1943 -- Aug 16, U.S. Army Air Force B-24E plane crash, Gowen Field, Boise, ID -- 10
4041. 1943 -- Aug 18, U.S. Army Air Force B-24E plane crash, Otero County, NM -- 12
4042. 1943 -- Aug 18, USAAF B-24 plane crash, Gulf of Mexico, off Corpus Christi, TX-- 10
4043. 1943 -- Aug 18, USN patrol plane VP-210 crashes off Montauk Pt. Long Isl., NY -- 12
4044. 1943 -- Aug 19, naphtha vapors explosion, Congoleum-Nairn Inc. plant, Kearny, NJ-- 12
4045. 1943 -- Aug 19, *J.P. Henderson* and *Senior* collide/burn in fog off Nova Scotia --126-132  
-->59-63 US freighter *J. Pinckney Henderson* (>34-38 crew; 25 Navy armed guard)  
-- 67-69 Panamanian-flag tanker *J. H. Senior* (40-41 Danish crew; 27-29 US AG)
4046. 1943 -- Aug 24, USAAF B-17 crash, Gibson Ranch, near Dovetail & Winnett, MT-- 11
4047. 1943 -- Aug 27, USAAF B-24 plane crash, Cheyenne Mt., near Peterson Field, CO-- 10
4048. 1943 -- Aug 28, 3 US Army AF planes collide, near Army Air Base, Harvard, NE -- 14
4049. 1943 -- Aug 28, Sayreton No. 2 Coal Mine explosion, Sayreton, AL -- 28
4050. 1943 -- Aug 29, US Army AF B-24E plane crash, near Wendover Field, UT -- 10
4051. 1943 -- Aug 30, train collision, Lackawanna Limited, near Wayland, NY --28-29
4052. 1943 -- Sep 01, USAAF B-17F plane explosion and crash, near Fort Benton, MT -- 10
4053. 1943 -- Sep 02, USAAF B-24E plane crash, near Army Air Base, Sioux City, IA -- 10
4054. 1943 -- Sep 05, US Army Air Force B-17F plane crash, Lake Cormorant, MS -- 10
4055. 1943 -- Sep 05, US Army AF C-53D Skytrooper plane crash, near Sedalia, MO -- 11
4056. 1943 -- Sep 06, US Army Air Force B-17F plane crash, near Rapid City, SD -- 10
4057. 1943 -- Sep 06, Congressional Limited train derailment, Frankford Junction, PA<sup>106</sup>-79-81
4058. 1943 -- Sep 07, fire, Gulf Hotel (an inexpensive rooming house), Houston, TX -- 55
4059. 1943 -- Sep 10, mid-air collision, two U.S. Army AF B-17's, off Galveston, TX -- 22

<sup>106</sup> Accounts then and since note either 79 or 80 deaths. We do not know which is correct. The range of 79-81 is due to our including as an indirect death that of a Brooklyn man who committed suicide after identifying his wife and two children as fatalities. Without this inclusion, certainly 79 died. With inclusion, either 80 or 81 died.

4060.	1943 -- Sep 16, 3 Point Coal Mine explosion, Three Point, KY	-- 12
4061.	1943 -- Sep 17, depth charge explosion, Naval Air Station, Norfolk, VA	--26-30
4062.	1943 -- Sep 20, USAAF transport crash, Laurinburg-Maxton Army Air Base, NC	-- 25
4063.	1943 -- Sep 22, US Army Air Force B-24D plane crash, near Waldo, KS	-- 11
4064.	1943 -- Sep 22, US Army Air Force C-53 plane crash,, near Calcutta, India	-- 20
4065.	1943 -- Sep 24, Primrose Colliery Coal Mine explosion, Minersville, PA	-- 14
4066.	1943 -- Sep 28, US Army Air Force B-24H plane crash, near Fountain, CO	-- 11
4067.	1943 -- Sep 30, USAAF B-24H plane crash, near Villa Santa Maria Del Norte, CO--	11
4068.	1943 -- Oct 01, US Army Air Force B-24D plane crash, Elk, CA	-- 10
4069.	1943 -- Oct 03, US Army AF B-17F plane crash, Army Air Field, Brooksville, FL--	11
4070.	1943 -- Oct 03, Hauser Creek Wildfire, Cleveland National Forest, So. CA	-- 11
4071.	1943 -- Oct 04, US Army AF B-24D plane crash, Army Air Base, Blythe, CA	-- 10
4072.	1943 -- Oct 06, US Army AF B-24D plane lost, Pacific Ocean off N. CA/OR	-- 10
4073.	1943 -- Oct 14, US Army Air Force B-24D plane crash, Neighbours, CA	-- 10
4074.	1943 -- Oct 15, US Army AF B-24E plane crash, near Army Air Base, Blythe, CA--	10
4075.	1943 -- Oct 15, American Airlines Flight #63 crashes near Centerville, TN	--11-15
4076.	1943 -- Oct 21, tankers <i>Gulfbelle</i> & <i>Gulfland</i> collide/burn, ~Lake Worth Inlet, FL	--87-88
	-- 51 <i>Gulfbelle</i> (31 crew and 20 Naval Armed Guard)	
	--36-37 <i>Gulfland</i> (34-35 crew and 2 Naval Armed Guard)	
4077.	1943 -- Oct 22, US Army AF B-17 plane crash,, Arkansas River, ~Ponca City, OK--	14
4078.	1943 -- Oct 22, US Army Air Force C-47 crash, Lawson Field, Ft. Benning, GA	-- 20
4079.	1943 -- Oct 24, US Army AF plane crash, Smokey Hill Army Air Field, Salina, KS--	10
4080.	1943 -- Oct 25, Two USAAF B-24H planes collide, near Milligan, NE	-- 17
4081.	1943 -- Oct 29, US Army AF B-24 plane crash, Atlantic, off West Palm Beach FL--	14
4082.	1943 -- Oct 29, US Army AF B-24E plane crash, Cucamonga Peak, Fontana, CA	-- 10
4083.	1943 -- Oct 29, US Army AF C-47 plane crash at Hoffman-Mackall AAF, NC	-- 14
4084.	1943 -- Nov 03, US Army Air Force B-24J plane crash, near Pueblo, CO	-- 10
4085.	1943 -- Nov 06, Nellis No. 3, Coal Mine explosion, Madison, WV	-- 11
4086.	1943 -- Nov 08, American Rolling Mill Co. Mine # 3 explosion, Nellis, WV	-- 11
	1943 -- Nov 16, mines explode, warehouse, Naval Mine Depot, Yorktown, VA	-- 7-8
4087.	1943 -- Nov 18, US Army Air Force B-24J plane crash, near Melrose, NM	-- 12
4088.	1943 -- Nov 18, USN transport plane crash, 30mi. E of Rio De Janeiro, Brazil	--17 of 18
4089.	1943 -- Nov 19, US Army Air Force B-17F plane crash, near Thonotosassa, FL	-- 10
4090.	1943 -- Nov 21, tanker <i>Altair</i> /20 hit by tanker <i>Bostonian</i> , fog, 58m off Cape Henlopen DE--	20
4091.	1943 -- Nov 23, US tanker <i>Elizabeth Kellogg</i> sunk by U-boat ~150m NW of Cristobal, Panama-10	
4092.	1943 -- Nov 24, US freighter <i>Melville E Stone</i> sunk by U-boat ~100m NW of Cristobal CZ-15-16	
4093.	1943 -- Nov 24/25, storm, freighter <i>John P. Gaines</i> breaks-up 40M S of Cherikoff Isl., AK-11	
4094.	1943 -- Nov 25, USAAF B-24E's collide near Liberal Army Air Field, Liberal, KS--	11
4095.	1943 -- Dec 2, Germans bomb Bari, Italy; US freighter <i>John Harvey</i> hit/mustard gas cargo <sup>107</sup> -->83	
4096.	1943 -- Dec 3, US tanker <i>Touchet</i> sunk by U-boat, Gulf of MX, So. of Pensacola/W. of Naples, FL-	10
4097.	1943 -- Dec 04, B-24 bomber crash near Elverson, PA (near Reading, PA)	-- 9-10
4098.	1943 -- Dec 07, Navy planes collide, bomb falls, Marines on ground die, Maui, HI--	20-22
4099.	1943 -- Dec 11, collier <i>Suffolk</i> sinks in heavy gale off Montauk Point, NY	--all 42-43
4100.	1943 -- Dec 13, USAAF, B-17F plane crash, near Rosebud, SD	-- 10
4101.	1943 -- Dec 13, USN PBM-3S, VP-213, plane lost on Patrol off NC Coast	-- 18

<sup>107</sup> At least 83 people died from mustard gas poisoning; 90% of these U.S. Merchant Mariners from several ships.

4102. 1943 -- Dec 14, war workers bus & tractor trailer collide, bus burns, ~Campbell, NY-- 11
4103. 1943 -- Dec 14, plane crash, USAAF, B-24J, near Omaha, NE -- 16
4104. 1943 -- Dec 15, plane crash, USAAF, B-17, Army Air Base, Ardmore, OK -- 12
4105. 1943 -- Dec 16, *Tamiami Champion* train derails, 2<sup>nd</sup> Champion collides ~Rennert, NC --72-74
4106. 1943 -- Dec 16, US freighter *Nevada* founders in gale, Atlantic, ~200m so. of Greenland-31-35
4107. 1943 -- Dec 19, two USAAF B-24s crash near Sausalito, CA and near Burley, ID -- 17
4108. 1943 -- Dec 22, USAAF, B-24 plane crash, ~Morrison Field, West Palm Beach FL-- 14
4109. 1943 -- Dec 24, fire, Standard Hotel, West 42<sup>nd</sup> Street between 9<sup>th</sup> and 10<sup>th</sup>, NYC, NY-19
4110. 1943 -- Dec 29, 2 USAAF B-24's collide, Box Elder County, near Lakeside, UT -- 25
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4111. 1944 -- cerebrospinal meningitis, esp. NY/326, PA/218, IL/199, OH/198, CA/154--2,812
4112. 1944 -- influenza, esp. Jan-Apr & Dec, esp. PA/1,393, OH/1,168, TX/1,161 --17,320
4113. 1944 -- measles, esp. Jan-June, esp. TX/181 OH/139 CA/101 PA/95 GA/88 AL/86 --1,923
4114. 1944 -- polio, esp. July-Nov (1,070 deaths), esp. NY/342, PA/117, OH/88, VA/58 --1,381
4115. 1944 -- scarlet fever, Int. List No. 8 (Communicable diseases) -- 422
4116. 1944 -- tuberculosis, Nationwide, esp. CA, IL, MI, NJ, NY, OH, PA, TN, TX --54,731
4117. 1944 -- typhoid fever (501), Int. List No.1 and paratyphoid fever (50), Int. List No.2--551
4118. 1944 -- whooping cough, esp. NC/145, VA/102, TX/PA/95 MS/94 KY/93 SC/91 --1,878
4119. 1944 -- Jan 02, plane breakup, USAAF B-17G, McClellan Field, Sacramento, CA -- 13
4120. 1944 -- Jan 03, plane crash, USAAF B-24J, 25 miles SE of Muroc, CA -- 10
4121. 1944 -- Jan 03, US destroyer *Turner* ammo explosions/fire/sinks ~NY Harbor --138-139
4122. 1944 -- Jan 06, Army Air Force bus and train collide, Kingman Army Air Field, AZ-- 28
4123. 1944 -- Jan 06, USS *St. Augustine* & *Camas Meadows* collide off Cape May NJ -- 115
4124. 1944 -- Jan 13, USAAF B-17F crash, near Army Air Field, Fort Worth, TX -- 10
4125. 1944 -- Jan 20, USN PB4Y-1 Liberator 32163 crash after takeoff, Camp Kearny, CA-- 13
4126. 1944 -- Jan 22, collision, USAAF B-17, Gulf of Mexico, ~Little Marco Pass FL -- 10
4127. 1944 -- Jan 24, mid-air collision, USAAF C-60 & AT-7, near Farmersville, LA -- 10
4128. 1944 -- Jan 26, US Navy patrol plane crash, Key West Naval Patrol Station, FL --11-12
4129. 1944 -- Feb 03, mid-air collision, USAAF B-26B's, near Garland, AR -- 13
4130. 1944 -- Feb 07, two USAAF planes crash, Parkton, NC and Wendover Field, UT -- 13
4131. 1944 -- Feb 10, American Airlines flight 2 crash, Miss. River near Memphis, TN -- 24
4132. 1944 -- Feb 12, USAAF B-25's collide, near Army Air Base Greenville, SC -- 19
4133. 1944 -- Feb 12, two USAAF B-17's collide, one crashes, Mill Creek, OK -- 10
4134. 1944 -- Feb 16, US Army Air Force B-17F plane crash, Wimauma, FL -- 12
4135. 1944 -- Feb 16, USN Air Transport Unit flight missing, NAS Seattle to Kodiak AK-- 14
4136. 1944 -- Feb 18, two USAAF B-24's collide, near Williams Field, AZ -- 17
4137. 1944 -- Feb 22, plane crash, USAAF, B-17F, Kittatinny Mt., Warren Ct., NJ -- 12
4138. 1944 -- Feb 23, USN North Amer. PBJ-1D Mitchell Bombers collide ~Bern, NC -- 10
4139. 1944 -- Feb 25, mid-air collision, USAAF planes, Army Air Field, Las Vegas, NV-- 12
4140. 1944 -- Feb 26, plane lost, USAAF, B-24E, Atlantic Ocean, off SE Coast -- 10
4141. 1944 -- Feb 26, plane crash, USAAF, B-17, near Palmer Lake, CO -- 10
4142. 1944 -- Feb 26, freighter *El Coston* hits US tanker *Murfreesboro*/fire, N.Atlantic -- ~60  
 --17-18 Panama-flagged freighter *El Coston* (9 crew and 8 USN Armed Guard)  
 --43-45 American tanker *Murfreesboro* (26-29 crew and 16-17 USN armed guard)
4143. 1944 -- Feb 26, storm, US freighter *William H Welch* grounds/breaks, Eilean Furadh Mor Isl., Scotland-62
4144. 1944 -- Mar 03, USAAF B26's collide, near Barksdale Field, Shreveport, LA -- 12

4145. 1944 -- Mar 05, USAAF B24 explodes/crashes into Atlantic off Jacksonville, FL --10-12  
1944 -- Mar 06, seven children die in home fire, York Beach, ME -- 7
4146. 1944 -- Mar 06, USAAF B-17G plane crash, near Maxwell, IA -- 10
4147. 1944 -- Mar 13, anti-personnel surface mine explosion, Camp Robinson, Ark. -- 12
4148. 1944 -- Mar 15, USAAF bomber crashes, Bull Mountain, ~Stuart, southwest VA -- 11
4149. 1944 -- Mar 16, assault boat training drownings, Lakewood, ~Camp Robinson, AR-- 11
4150. 1944 -- Mar 18, USAAF B-24H plane crash near Davis-Monthan Field, Tucson, AZ-- 10
4151. 1944 -- Mar 20, bus slides off Market St. Bridge into Passaic River ~Passaic, NJ --19-20
4152. 1944 -- Mar 20, US Army AF RB-24E plane crash near Biggs Field, El Paso, TX -- 10
4153. 1944 -- Mar 25, Kathrine Coal Mine No. 4 explosion, Lumberport, WV -- 16
4154. 1944 -- Mar 26, USAAF B-24E plane crash near Naval Air Station, Melbourne, FL-- 10
4155. 1944 -- Mar 28, arson fire, New Amsterdam Hotel, San Francisco, CA -- 22  
1944 -- Apr 06, explosion, Naval Ammunition Depot, near Hastings, NE -- 8
4156. 1944 -- Apr 07, Westover Field USAAF B-24H plane lost, Atlantic, off coast of MA-- 11
4157. 1944 -- Apr 09, USAAF B-24D plane crash, near USMC Air Station, Mojave, CA-- 10
4158. 1944 -- Apr 10, tornadoes, AR -- 39
4159. 1944 -- Apr 11, US Navy War Eagles VP-16 Orion crashes east of Columbus, NM-- 12  
1944 -- Apr 13, fire, Douglas County Home (for the poor), near Lawrence, KS -- 8
4160. 1944 -- Apr 16, tornado, Franklin, Hart, Elbert Counties, GA -- 23
4161. 1944 -- Apr 16, tornadoes, Anderson, Abbeville, Newberry Counties, SC -- 18
4162. 1944 -- Apr 16, US tanker *Pan Pennsylvania* torpedoed by U-boat ~200M east of NYC-25
4163. 1944 -- Apr 19, US Liberty ship *John Straub* explosion/sinks off Sanak Island, AK<sup>108</sup>53-55  
1944 -- Apr 19, USN Airship K-133, Houma NAS, LA, downs in T-storm, Gulf of MX-9
4164. 1944 -- Apr 24, US Army Air Force B-24H plane crash, near Epsom, NH -- 10
4165. 1944 -- Apr 24, USAAF B-17G plane crash, near Ardmore Army Air Field, OK -- 11
4166. 1944 -- Apr 25, US Army AF B-24's collide, near Yuma Army Air Field, AZ -- 12
4167. 1944 -- Apr 27, ships collide, freight *James H Reed* sinks, Lake Erie fog, off Ashtabula, OH--12
4168. 1944 -- Apr 28, Navy R4D transport plane crashes, Anderson Mesa, northern AZ -- 19
4169. 1944 -- Apr 29, USAAF RB-24E Liberator bomber plane crash, near Merna, NE -- 10
4170. 1944 -- May 05 USAAF plane crash, out of Hickam Field HI, Aiea Ridge, Oahu, HI-- 10
4171. 1944 -- May 10, US Army Air Force plane crash, near Biggs Field, El Paso, TX -- 10
4172. 1944 -- May 11, explosion, ammo dump at sea, Hingham Depot boat, ~Boston Harbor, MA-17
4173. 1944 -- May 14-21, Heavy seas, sleeping Marines in LCT pitched overboard off *LST-485*, HI-19
4174. 1944 -- May 16, dirigible airship *K-5* crash, Naval Air Station, Lakehurst, NJ -- 10
4175. 1944 -- May 18, USAAF B-17G plane crash, near Rapid City Army Air Base, SD-- 10
4176. 1944 -- May 19, USN 32226 PB4Y1 Liberator plane crash ~MCAS Cherry Point, NC- 13
4177. 1944 -- May 21, munitions explosion, West Loch, Pearl Harbor, HI -- 163
4178. 1944 -- May 26, USAAF B-17G plane crash, Ronald Horn farm, near Anthon, IA --10-11
4179. 1944 -- May 27, US Army AF B-24J plane crash, Westover Field, Chicopee, MA -- 10
4180. 1944 -- May 29, US Army Air Force B-17G plane crash, near Ridgely, TN -- 10
4181. 1944 -- May 30, USN PB4Y and F4F collide, Palomar Mt., San Diego County, CA-- 12
4182. 1944 -- May 30, USN PB4Y1 Liberator emer. landing. crash, NAAS Chincoteague, VA-11
4183. 1944 -- June 06, USN PB4Y-1 takeoff crash into building, Camp Kearney, CA --17-18
4184. 1944 -- June 07, USAAF B-24J plane crash, near Chappell, NE -- 10
4185. 1944 -- June 08, USAAF bombers collide, homes burn, civilians die, Honolulu, HI-- 14

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<sup>108</sup> Some ambiguity. Some sources note a Japanese torpedo, others a Japanese mine, others just note an explosion.

4186. 1944 -- June 11, torpedo warheads explode, Naval Ammunition Depot, Oahu, H I-- 10
4187. 1944 -- June 13, USAAF B-24E bomber crash, Green Knob Mt. ~Asheville, NC -- 10
4188. 1944 -- June 17, tornadoes, Brown/Codington/Grant/Roberts, SD; Big Stone, MN -- 13
4189. 1944 -- June 20, USAAF B-24J plane lost, Atlantic Ocean, off Southeast Coast -- 10
4190. 1944 -- June 22, USAAF B-24J plane crash, near Walla Walls Army Air Field, WA-- 10
4191. 1944 -- June 23, Appalachian tornadoes, WV/103 (esp. Shinnston area), MD/5 PA/45-- 153
4192. 1944 -- June 29, US Army Air Force B-24D plane crash, near Tobe, CO -- 10
4193. 1944 -- June 30, USAAF B-24J plane lost, Atlantic Ocean, off Myrtle Beach, SC -- 10
- 1944 -- July 02, USA truck overturns, Farrington hwy., Waialua, Oahu, hits pedestrians-7
4194. 1944 -- July 02, USAAF B-29 breaks-up in Th-Storm, crashes, near Harmon, OK -- 11
4195. 1944 -- Jul 2, Japanese sub captures US *Jean Nicolet* complement of 100 off Ceylon; murders most-76
4196. 1944 -- July 04, USAAF B-24J planes collide, near Palm Springs, CA -- 10
4197. 1944 -- July 05, Powhatan Coal Mine fire, Powhatan Point, near Bellaire, OH -- 66
4198. 1944 -- July 06, Barnum & Ringling Broth. Circus fire, stampede, Hartford, CT--168-169
4199. 1944 -- July 06, troop train derailment, Jellico, TN -- 35
4200. 1944 -- July 11, USAAF B-17G plane crash, Deer Mountain near Rangeley, ME -- 10
4201. 1944 -- July 11, USAAF plane crash/fire, Westbrook Trailer Camp, S. Portland, ME-- 19
4202. 1944 -- July 17, munitions ships explosions, Pier 1, Naval mag., Port Chicago, CA--320-325  
 --44 merchant Liberty ship *E. A. Bryan* (31 crew; 13 Armed Guard)  
 --53 merchant Victory ship *Quinault Victory* (36 crew; 17 Armed Guard)
4203. 1944 -- July 19, USAAF Consolidated Liberator 42-51617 crash, Touchet, WA -- 12
4204. 1944 -- July 20, US Army Air Force B-17F's collide, Brooksville, FL -- 10
4205. 1944 -- July 20, US Army Air Force B-24's collide, near Roswell, NM -- 10
4206. 1944 -- July 21, three USAAF C-47s lost, Atlantic Ocean, 25M off Cape Fear, NC-- 15
4207. 1944 -- July 23, USAAF B-24J fire and crash, near Chatham Field, Savannah, GA-- 10
4208. 1944 -- July 25, USAAF crash, San Pablo Bay, ~Hamilton Field, San Rafael, CA -- 10
4209. 1944 -- July 26, U.S. Army Air Force Douglas C-54 crashes off Greenland -- 26
4210. 1944 -- July 27, USAAF C47A plane crash, Isle of Mull, ~Port Logan, Scotland--21US/22  
 1944 -- July 28, Brilliant coal mine no. 2 shaft explosion, Brilliant, NM -- 6
4211. 1944 -- July 30, USAAF B-17G breaks-up/crashes, 6 miles from St. Marks, FL -- 10
4212. 1944 -- Aug 01, USAAF B-24's collide, near Furnace Creek, Death Valley, CA -- 17
4213. 1944 -- Aug 03, US Army AF Douglas D-47 plane crash, Thunderstorm, Napier, NE-- 28
4214. 1944 -- Aug 05, US Army Air Force B-17G's collide, near Laurel and Dixon, NE -- 17
4215. 1944 -- Aug 05, Atlantic Coast Line train wreck, near Stockton, GA -- 47
4216. 1944 -- Aug 08, Pan Am #218 *Hong Kong Clipper* plane crash off Antilla, Cuba -- 17
4217. 1944 -- Aug 09, US Army Air Force B-24J plane fire and crash, near Kiowa, CO -- 10
4218. 1944 -- Aug 21, US Army Air Force B-24J's collide, near Model CO -- 18
4219. 1944 -- Aug 21, US Army AF YB-29 plane crash, 25M from Alamogordo, NM -- 10
4220. 1944 -- Aug 27, US Army AF B-17G plane crash, 20M from Bay St. Louis, MS -- 10
4221. 1944 -- Aug 28, USAAF Douglas C54A plane crash, Prestwick, Scotland --20 US of 25
4222. 1944 -- Sep 01, US Army AF B-24J plane crash, near Muroc Army Air Field, CA -- 10
4223. 1944 -- Sep 12-15, Great Atlantic Hurricane, NC-ME, esp. MA/NY, USCG/USN/341-<390-395  
 1944 -- Sep 12, hurricane, USN minesweeper *YMS 409* sinks off Atlantic coast --32-33  
 1944 -- Sep 13, hurricane, USS *Warrington* sinks off coast of FL -- 248  
 1944 -- Sep 14, hurricane, USCG Cutter *Bedloe* sinks off Cape Hatteras, NC -- 26  
 1944 -- Sep 14, hurricane, USCG Cutter *Jackson* sinks off Cape Hatteras NC -- 22

- 1944 -- Sep 14, hurricane, USCG Lightship (*LS-73*) sinks, Vineland Sound, MA -- 12
4224. 1944 -- Sep 14, train collision, Chicago & East IL Railroad, Terre Haute, IN -- 29
4225. 1944 -- Sep 15, Naval Ammunition Depot explosion,, near Hastings, NE -- 9-10
4226. 1944 -- Sep 17, USAAF B-29 plane crash, Liberal AF Field, near Copeland, KS<sup>109</sup>-- 12
4227. 1944 -- Sep 18, USAAF C-47 plane crash, Denali State Park, ~Talkeetna, AK -- 19
4228. 1944 -- Sep 24, US Army AF Douglas C-47 plane crash, Camp Mackall, NC -- 12
4229. 1944 -- Sep 27, USAAF RB-24E plane crash, near San Jon and Tucumcari, NM -- 11
4230. 1944 -- Sep 28, trains collide, North Western Railroad, near Missouri Valley, IA -- 10
4231. 1944 -- Sep 29, USN PBM-3D crash, Southeast of Palau Island, West Central Pacific--10
4232. 1944 -- Oct 08, US Army Air Force B-29 plane crash, near Love Field, Dallas, TX-- 15
4233. 1944 -- Oct 15, US Army AF B-29 plane crash, Alamogordo Army Air Base, NM -- 12
4234. 1944 -- Oct 17, US Army Air Force B-24J plane crash, 12M NE of Ukiah, OR -- 10
4235. 1944 -- Oct 18-19, hurricane, all of FL Peninsula (Bradenton area army tugboat/9)-- 14
4236. 1944 -- Oct 18, USAAF B24H plane crash, near Birkenhead, Merseyside, England -- 24

### 1944 – Oct 20, Philippines Liberated from Japanese Empire

4237. 1944 -- Oct 20, LNG tank explosion & fire, East Ohio Gas Co., Cleveland, OH --128-136
4238. 1944 -- Oct 21, USN LSMs 211/212 explosion/fire, Berth 223, L.A. Harbor, CA -- 16
4239. 1944 -- Oct 24, USAAF B-29 plane crash, near Barksdale Field, Shreveport, LA -- 11
4240. 1944 -- Oct 24, US Army AF B-17F plane crash and explosion, near Russell, KS -- 12
4241. 1944 -- Oct 26, US Army AF C-46A planes collide, Reno Army Air Base, NV -- 12
4242. 1944 -- Oct 29, US Army AF B-17F plane crash, ~Chatham Field, Savannah, GA -- 10
4243. 1944 -- Oct 29, US freighter *John A Johnson* torpedoed by Japanese sub, Pacific; crew shot-10
4244. 1944 -- Nov 03, US Army AF planes collide, near Kingman Army Air Field, AZ -- 15
4245. 1944 -- Nov 04, TWA Flight 8 crashes in thunderstorm near Hanford, CA -- 24
4246. 1944 -- Nov 06, USN planes collide, St. Johns River near NAS Jacksonville, FL -- 18
4247. 1944 -- Nov 07, USN PB4Y-1 Liberator plane crash, off Fort Monroe, VA -- 12
4248. 1944 -- Nov 08, train derailment, Southern Pacific Challenger, near Colfax, CA -- 9-10
4249. 1944 -- Nov 10, USS *Mount Hood* explosion, Seeadler Harbor, Manus Island<sup>110</sup>--372-378
4250. 1944 -- Nov 10, US Army AF B-29 plane crash, near Clovis Army Air Field, NM -- 15
4251. 1944 -- Nov 11, USAAF C-47B plane crash, Strawberry Peak, ~Glendale, CA --12-13
4252. 1944 -- Nov 11, US Air Transport Command C-54 crashes, Pacific, 50 mi. off Oahu -- 17
4253. 1944 -- Nov 13, USAAF C-47 plane crash near Casper Army Air Base, Casper, WY-- 11
4254. 1944 -- Nov 18, US Army AF B-24J crash 5M south of March Field, Riverside, CA-- 11
4255. 1944 -- Nov 19, USAAF C-47A crash near Brighton and Lewes, England --24 US/25
4256. 1944 -- Nov 21, butane gas truck and car collide, vapor explosion, Denison, TX -- 10
4257. 1944 -- Nov 29, USAAF B-24 tail section failure/crash, Middle Mt., Nottingham, NH--9-10
4258. 1944 -- Nov 30, USAAF B-24s collide, 8M east of Davis-Monthan AAF, Tucson, AZ--18
4259. 1944 -- Dec 05, torpedo magazine explodes, US Naval Ammo. Depot, McAlester OK--11
4260. 1944 -- Dec 7, USAAF AT-18 transport takeoff crash/fire, Omaha Municipal AP, NE--17
4261. 1944 -- Dec 05, USAAF P-47D and B-24J planes collide, near Walterboro AAF, SC-- 13
4262. 1944 -- Dec 08, USAAF AT-18 planes collide over Sioux Falls Army Air Field, SD-- 10
4263. 1944 -- Dec 18, USN Task Force 38 hit by typhoon, 3 ships capsize off Philippines-- 790  
 --202 destroyer *Hull*  
 --256 destroyer *Monaghan*

<sup>109</sup> Crash into farmhouse killing grandfather and one-year-old grandson, in addition to ten U.S. service crewmen.

<sup>110</sup> Largest of the Admiralty Islands, and fifth largest island in Papua New Guinea.

- 317 destroyer *Spence*  
 -- 15 deaths from ten other vessels
4264. 1944 -- Dec 22, USAAF B-24 break-up & crash, Mt. Gleason, ~La Crescenta, CA --all 10  
 4265. 1944 -- Dec 25, USAAF C-47A crash in inclement weather, Roundtop Mt. ~Harrisburg, PA--12  
 4266. 1944 -- Dec 25, USAAF C-47 hits Black Mesa Mt. top (low visibility) ~Quartzsite AZ-- 17  
 4267. 1944 -- Dec 27, USAAF B-24J crash, poor weather, near Mattituck, Long Island, NY--11  
 4268. 1944 -- Dec 29, USAAF B-24J structural failure, poor weather, crash ~Meridian, ID-- 10  
 4269. 1944 -- Dec 29, USAAF C-47A crash into hillside near Adak Army Air Base, AK --all 13  
 4270. 1944 -- Dec 30, US Army AF B-29 engine fire, crash, 12M N of Walker AAF, KS-- 10  
 1944 -- Dec 30, residential home fire, Columbus, IN -- 8  
 4271. 1944 -- Dec 31, fog, Southern Pacific mail-express hits passenger train, ~Bagley, UT-- 48
4272. 1945 -- cerebrospinal (meningococcus) meningitis (code 6 communicable disease)--1,728  
 4273. 1945 -- measles, especially children -- 307  
 4274. 1945 -- polio, acute especially July-Nov (September peak), Int. Disease Code 36 --1,186  
 4275. 1945 -- scarlet fever, Int. List No. 8 (Communicable diseases) -- 303  
 4276. 1945 -- typhoid fever (471), Int. List No. 1; paratyphoid fever (63), Int. List No. 2 -- 534  
 4277. 1945 -- whooping cough, communicable disease No. 9 International List --1,752  
 4278. 1945 -- Jan 02, Sun Oil tanker *Sunoco* fire and explosion, off Sandy Hook, NJ -- 10  
 4279. 1945 -- Jan 6, USAAF C-46 crash, Himalayan mt. side, Arunachal Pradesh, NE India--all 13  
 4280. 1945 -- Jan 8, Pan Am 161 too-fast nose-down water landing crash, Port of Spain, Trinidad-23  
 4281. 1945 -- Jan 8, TX: USAAF B-26 bombers collide ~Brownsville/9; A-20 Havoc crash SW San Anton./1-- 10  
 4282. 1945 -- Jan 09, USAAF B-29 lost at sea (Atlantic?), Pratt AAF KS to Puerto Rico -- 16  
 4283. 1945 -- Jan 09, USAAF B-24J structural failure, crash ~Chatham Field, Savannah GA--11  
 4284. 1945 -- Jan 10, American 6001 missed approach crash, fog, Verdugo Mts. ~Burbank AP, CA--24  
 4285. 1945 -- Jan 15, USN R4D-5 & USAAF Stinson collide on runway, Tacloban AP, Philippines--21  
 4286. 1945 -- Jan 16, fire, General Clark Hotel/boarding house, N. Clark St., Chicago, IL-- 14  
 4287. 1945 -- Jan 17, USAAF B-17F engine fire and crash 6M NW of Bay Minette, AL -- 11  
 4288. 1945 -- Jan 20, USAAF B-24J landing approach crash, 2½M SE of Muroc AAF, CA-- 10  
 4289. 1945 -- Jan 21, USN plane bombs explode, USS *Hancock* landing, South China Sea-- 62  
 4290. 1945 -- Jan 24, two USAAF B-17Fs in flight of five collide/crash ~5M NE of Dyersburg, TN--16  
 4291. 1945 -- Jan 26, USAAF B-17G uncontrolled dive crash ~Hendricks Field, Sebring, FL-10  
 4292. 1945 -- Jan 26, USN PB4Y-1 Liberator landing crash near NAAS Jacksonville, FL-- 11  
 4293. 1945 -- Jan 31, fire, Lacoste babies' boarding home/nursery (16 babies), Auburn, ME--17  
 4294. 1945 -- Feb 01, USN PBY-5A crash, night navigation trng., Kaneohe NAS, Oahu, HI--10  
 4295. 1945 -- Feb 02, Florence to Rome USAAF C-47 mt. crash in fog 3M W of Montieri, Italy-- 23  
 4296. 1945 -- Feb 04, USAAF C-46 Commando on-board fire, crash ~55M NW Jorhat, India-- 34  
 4297. 1945 -- Feb 05, tanker *Spring Hill* hit/explosion/fire, off Stapleton, Staten Isl., NY--19-20  
 4298. 1945 -- Feb 09, USAAF B-24D Liberator crash into side of mountain near Denio, OR--11  
 4299. 1945 -- Feb 12, USAAF B-24D stalls, pilot loses control, crash, 15M SW of Troy, OR--10  
 4300. 1945 -- Feb 12, tornadoes, AL/38 (esp. Montgomery and Sumter counties) and MS/5-- 43  
 4301. 1945 -- Feb 13, USN transport crash, wing hits water, early AM takeoff, off Alameda, CA--24  
 4302. 1945 -- Feb 14, USAAF B-24 approach crash in adverse weather, 12M NE Gander AP, Nfld.--10  
 4303. 1945 -- Feb 17, fire from welding in candy co., Maefair Apartments, Tacoma, WA-- 19  
 4304. 1945 -- Feb 23, American Air 9 flying too-low VFR, crash, Glade Mt. ~Rural Retreat VA--17  
 4305. 1945 -- Mar 01-08, flooding, Ohio River, IN, KY, OH, PA, WV, esp. OH and KY -- 10

4306. 1945 -- Mar 03, USAAF C-47 transport too-low lndg. turn crash, Ledo Airfield, India--27
4307. 1945 -- Mar 03, USAAF C-47 Prestwick-Orly AP approach crash, NW of Paris, France--all 16
4308. 1945 -- Mar 03, USAAF B-17 too-low plane crash in heavy rain, near Winnfield, LA-- 11
4309. 1945 -- Mar 5, bomber/fighter collide, Kissimmee FL; C-60A crash into hangar, Dayton OH--16  
 --8 USAAF bomber/fighter takeoff/landing runway collision Kissimmee AAF, FL  
 --8 Pilot loses control of C-60A Lodestar on takeoff, crashes into hangar; explodes
4310. 1945 -- Mar 6, USAAF B-24D, AP approach crash, 1M ~Mountain Home AAF, ID --all 10
4311. 1945 -- Mar 10, USAAF C-46 med. evac. flight mt. crash ~Tanauan Airfield, Leyte Philippines--37
4312. 1945 -- Mar 10, USAAF B-24 crash, Atlantic, off Montauk Point, Long Island, NY-- 12
4313. 1945 -- Mar 10, USN PB4Y-1 lost, training flight NAS Jacksonville FL to Bahamas-- 14
4314. 1945 -- Mar 10, USAAF B-29 engine failure/emerg. lndg. crash, Alexandria AAF, LA-- 10
4315. 1945 -- Mar 13, storm, US troopship *J.W. McAndrew* hit by French ship, N. Atlantic --68-71
4316. 1945 -- Mar 14, USAAF C-47 loses propeller paratroop practice, hits 6, crashes ~Prosnes France--10
- 1945 – March 26, Iwo Jima Liberated from Japan**
4317. 1945 -- Apr 01, USAAF B-29 engine fire and crash, 6 miles NE of Alamogordo, NM--12
4318. 1945 -- Apr 08, USAAF TB-17F flies into mountain at night near Tellico Plains, TN-- 10
4319. 1945 -- Apr 09, US freighter *Charles Henderson* explos., bomb unloading, Bari, Italy--52-54
4320. 1945 -- Apr 09, US tanker *Saint Mihiel* collision/fire/abandoned, off Delmarva coast-- 37
4321. 1945 -- Apr 11, two USAAF TB-17Fs AP approach collision near Jackson AAB, MS--14
4322. 1945 -- Apr 11, Charleston-based USAAF B-24J crash at sea off Charleston, SC -- 11  
 1945 -- Apr 11, chemicals explode/fire, Super Products Co. plant., Des Moines, IA-- 8
4323. 1945 -- Apr 12, tornadoes, OK/102 (Antlers/69; Muskogee Co./13), AR/21, MO/5-- 128
4324. 1945 -- Apr 14, PA-Central Air #142 off course/too-low crash, Cheat Mt. ~Morgantown, WV-20
4325. 1945 -- Apr 16, USAAF B-29 ferry flight too-low approach hits water, Pango Bay, Guam--12
4326. 1945 -- Apr 16, USAAF Beech AT-11s collide, bombing training, ~Big Spring, TX-- 10
4327. 1945 -- Apr 17, US Navy PB4Y-1 patrol plane crash, training ex. off Mayport, FL -- 12
4328. 1945 -- Apr 19, USN R4D-5 crash in fog after takeoff, Gooseberry Hill, Australia --all 13
4329. 1945 -- Apr 20, USAAF C-47 structural failure, thunderstorm/crash ~Sweetwater, TX--25
4330. 1945 -- Apr 23, USAAF B-17 taking on-leave troops to Ireland, crash ~Ramsey, Isle of Man--31
4331. 1945 -- Apr 24, USAAF B-29A engine fire/crash, Gulf of Mex. ~off 100M SW Key West, FL--11
4332. 1945 -- Apr 27, USAAF C-46 plane crash, Palo Duro canyon, south of Claude, TX--all 11
- 1945 -- May 02, Italian armed forces surrender unconditionally to the Allies**
- 1945 -- May 03, USN blimp engine fire leads to cover fire and crash, Santa Ana, CA-- 8
4333. 1945 -- May 04, four USN/USAAF aircraft crash, three in CA, one ~Caylor, VA -- 25  
 --4 USN Beechcraft AT-11 hits Cumberland Mt. near Caylor, VA flying low, heavy fog  
 --7 USN PBY-5A Catalina hits hillside in initial climb ~Ft. Baker SF Bay area, CA  
 --6 USAAF B-26 engine cutting out after takeoff, crash Hwy-41, Pinedale, CA  
 --8 USAAF B-24J March Field takeoff crash about 8M NW ~Edgemont, CA
4334. 1945 -- May 05, USAAF C-54 crash into bluff upon takeoff, Manus Island, New Guinea--21
4335. 1945 -- May 05, USAAF B-17 crash, Charco Azul mts./hills SE of Cienfuegos, Cuba-- 14
4336. 1945 -- May 05, civilian US collier *Black Point* torpedoed, off Point Judith, RI -- 12
4337. 1945 -- May 06, USAAF C-46 carrying litter patients, hits radar towers, Gibbets Hill, UK--31
4338. 1945 -- May 06, two USAAF B-17 planes collide near Esler Field, Alexandria LA-- 18  
 --9 Boeing B-17F Fortress #42-5355  
 --9 Boeing B-17G Fortress #42-31948
4339. 1945 -- May 07, fire, Victory House (war workers lodging), Mobile, AL -- 12



### 1945 – May 8, end of World War II in Europe – V-E Day

4340. 1945 -- May 09, Sunnyside No. 1 coal mine methane explosion, Sunnyside, UT -- 23
4341. 1945 -- May 10, USAAF B-17 hits B-17 turbulence/collision/crash, Braintree Eng.-- 11
4342. 1945 -- May 11, USAAF B-29 engine failure, crash Indg., MacDill AAF, Tampa FL--9-11
4343. 1945 -- May 12, USAAF B-24 flies into cloud-covered tree-tops ~Anderson Cliff, CA--all 11
4344. 1945 -- May 13, USAAF “Shangra-La” sightseeing plane crash, Mt., New Guinea -- 21
4345. 1945 -- May 23, USAAF C-46 ambulance flight, engine fire/crash, Taillefontaine, Fr.--44
4346. 1945 -- May 23, US Navy PB4Y-1 Liberator engine failure, crash at sea off Iwo Jima--12
4347. 1945 -- May 25, igniter for firebomb explosion, Edgewood Arsenal, Aberdeen, MD-- 12
- 1945 -- May 26, Cornhusker Ordnance Plant pour building explosion, Grand Island, NE-- 9
- 1945 -- May 27, USAAF XP-55 Ascender crash debris hits car, air show, Wright Field, Dayton OH--5
4348. 1945 -- May 30, USAAF C-47B crash (18 WACs, 3 crew) off Sassandra, Ivory Coast--21
4349. 1945 -- June 04, USAAF B-24L Liberator crash, Caribbean Sea off Jamaica --all 10
4350. 1945 -- June 06, USAAF B-29 ferry to US crash after takeoff from Kwajalein Atoll-- 10
4351. 1945 -- June 11, USAAF B-29 structural failure in thunderstorm, crash ~Rush Springs, OK--10
4352. 1945 -- June 13, USAAF B-24 flight to US crashes, Sidhean Mor ~Gairloch, Scotland--15
4353. 1945 -- June 14, USAAF C-46D crash (apparent lightning strike), 6M SE Oakridge, MS--17
4354. 1945 -- June 15, freight train car derails/hit by passenger train (cars derail), Milton, PA--19
4355. 1945 -- June 16, USAAF C-47 flight to AUS crash on mt. ~Moikisung, Papua New Guinea--12
4356. 1945 -- June 17, USAAF B-24, Wales to Azores crash at sea 60M off Finisterre, Spain--10
4357. 1945 -- June 21, USAAF Catalina test flight lost 110M S off Los Negros, Admiralty Isls.--11
4358. 1945 -- June 23, USAAF C-47 crash 17.5M SSE of Ledo Airfield, India, in Burma --all 25
- 1945 -- June 29, USAAF TB-24 engine power loss after takeoff/crash, 6M SE Chandler AZ-- 7
4359. 1945 -- June 30, USAAF TB-24J emergency landing crash, Las Vegas Field, NV -- 11
4360. 1945 -- June 30, USAAF B-29 night navigation crash into mt., 8M ~Guadalupe Peak, TX-- 12
- 1945 -- July 01, USAAF B-29 explosion, crash in thunderstorm, 6M S of Benton, KY-- 9
4361. 1945 -- July 04, USAAF B-25 missing, mt. terrain, Chengjiang, China to Dinjan, India--15
4362. 1945 -- July 5, USAAF B-17 bound for US, engine fire/ditches 150M NW Lajes Fld., Azores--15
4363. 1945 -- July 8, USAAF B-29 encounters thunderstorm/loses tail/crashes 20M ~Pueblo AAB, CO-13
- 1945 -- July 08, U.S. Army guard machine-guns sleeping German POWs, Salina, UT-- 9
4364. 1945 -- July 10, USN PBM-3C plane missing, last contact off Providence Isl. Bahamas--12
4365. 1945 -- July 13, USAAF B-24 enters severe turbulence, crash, Southport, ~Panama City, FL--13
4366. 1945 -- July 14, USAAF TB-25C engine-related crash, 1 mile NW of Weldon, TX-- 11
4367. 1945 -- July 14, USAAF B-29 crash after takeoff, sandstorm? ~Kirtland Fld., Albuquerque NM--13
4368. 1945 -- July 17, USAAF B17 night AP approach crash, heavy rain ~Smoky Hill AAB, Salina KS--10
4369. 1945 -- July 18, USN PB4Y-2 Privateer missing, training flight, out of NAS Miami, FL--15-17
4370. 1945 -- July 22, USAAF B-24M engine problem, crash, James River ~Newport News, VA-11
4371. 1945 -- July 23, USAAF B-24 engine fire/separation, crash, Tarskavaig, Isle of Skye, Sct.-- 14
4372. 1945 -- July 25, thunderstorm, USAAF TC-47B wing fails/crash 13M NE of Tampa, FL-- 13
4373. 1945 -- July 28, fog, B-25 Mitchell bomber (3 aboard) flies into Empire State Bldg., NY--14
4374. 1945 -- July 30, USAAF B-24 crash in forest near Schofield Barracks, Oahu, HI --all 12
4375. 1945 -- Aug 01, USAAF B-17 with troops for US, engine failure/ditches, Med. Sea off W. Italy-13
4376. 1945 -- Aug 7, USAAF C-47 crash, Lalmanirhat India; USN PV-2 crash, Hunting Isl. SC--16
- 9 USAAF C-47A crash 15M SSW of Lalmonirhat, India (Bangladesh today).
- 7 USN PV-2 Harpoon crash, lost control in storm, off Hunting Island SC.
4377. 1945 -- Aug 9, USAAF B-24 loses No.1 engine power, crash ~Buckingham Field, Ft. Myers, FL--11

4378. 1945 -- Aug 9, 2<sup>nd</sup> section of Great Northern *Empire Builder* collides with 1<sup>st</sup>, Michigan, ND--34
4379. 1945 -- Aug 13, fire, Export Box & Sealer Co. packing plant, Grand Ave., Detroit MI--15
- August 14 – Hostilities with Japan End – V-J Day**
4380. 1945 -- Aug 17, two USAAF B-29s collide at night, 3M west of Weatherford, TX-- 18  
 --9 USAAF Boeing B-29 Superfortress, 42-93895  
 --9 USAAF Boeing B-29 Superfortress, 44-86276
4381. 1945 -- Aug 22, USN PB4Y-2 loss of control crash into Pacific off San Diego, CA-- 10
4382. 1945 -- Aug 25, off-course USAAF B-24J flies into mountain, SE of Tollgate, OR--all 15
4383. 1945 -- Aug 27, USAAF B-29 2<sup>nd</sup> landing approach, crash, Mt. Tapochau, Saipan --all 10
4384. 1945 -- Aug 28, USAAF B-32 takeoff power loss, crash, runway-end pit, Yontan, Okinawa-13
4385. 1945 -- Aug 28, USAAF C-47, Philippines for Okinawa-Naha AFB, enters storm front, lost--19
4386. 1945 -- Aug 28, USAAF B-29 crash during violent storm, Toga, Akita, Honshu Japan--10  
 1945 -- Aug 29, aluminum dust explosion, Metals Disintegrating Co., Shrewsbury MO--6
4387. 1945 -- Aug 30, USAAF B-29 with POW supplies crashes, Mt. Oyajiyama, Japan --all 12
4388. 1945 -- Sep 01, USAAF B-24J takeoff crash, near Hondo Army Air Field, TX --11-12
- September 2 – Official End of WW II with Japan with signing of surrender documents**
4389. 1945 -- Sep 6, USAAF C-47, intra-Philippine flight reportedly explodes ~San Jancinico Strait--30
4390. 1945 -- Sep 07, USAAF B-29 plane fire and crash, 4½M south, Wedowee, AL --all 10
4391. 1945 -- Sep 07, Eastern Air Flight 42 on-board fire leads to crash ~Florence, SC --all 22
4392. 1945 -- Sep 10, B-24 Liberator with freed POWs crashes, Taitung, Taiwan --16 US of 25
4393. 1945 -- Sep 12, USN PB4Y-2 Privateer take-off engine fire/crash ~Master Field, Miami, FL--14
4394. 1945 -- Sep 15, USAAF C-47B takeoff crash (from Fairfax Field, Kansas City, KS), MO--23
4395. 1945 -- Sep 28, USAAF C-46 crash 20 miles southeast of Chihkiang, China -- 20
4396. 1945 -- Oct 16, USAAF C-47 engine fire/crash 60 mls NW of Saipan, Mariana Isles.-- 12
4397. 1945 -- Oct 18, USAAF TB-24J engine fire just after takeoff, crash ~Hondo AAF, TX--13
4398. 1945 -- Oct 21, USAAF C-47 landing crash in wind gust 2M east of Anchorage, AK-- 19
4399. 1945 -- Oct 30, USAAF C-47A plane crash into mountain near Cuneo, Italy --all 15
4400. 1945 -- Oct 31, US Navy R4D-7 transport crash in heavy fog, Rich Mountain, AR-- 14
4401. 1945 -- Nov 01, too-low USAAF C-47 hits mountain near Bad Herrenalb, Germany-- 26
4402. 1945 -- Nov 02, USAAF B-29 Superfortress crash, North Field, Guam -- 10
4403. 1945 -- Nov 03, Consolidated Air, Army Transport Com., sea crash, 450 mi NE of HI--18
4404. 1945 -- Nov 3, USAAF C-54 wrong route crash, Himalayan Mts. ~Chukha, Bhutan, India--44
4405. 1945 -- Nov 08, two US Navy PBM Mariners collide mid-air, Corpus Christi Bay TX--22
4406. 1945 -- Nov 09, USAAF C-47 AP approach crash at night, poor weather, Palermo Italy--24
4407. 1945 -- Nov 11, USAAF B-17G, Marseille to Athens, icing crash, Mount Meta, Italy-- 20
4408. 1945 -- Nov 13, ANA C-49 with USAAC passengers, crashes off Tacloban AP Philippines--16
4409. 1945 -- Nov 26, school bus goes into Lake Chelan in snowstorm, Chelan, WA -- 16
4410. 1945 -- Nov 28, USAAF C-47 crash ~Auburn CA/9; USN PBY crash, Palmyra Atoll AP/1--10
4411. 1945 -- Nov 29-30, Nor'easter, NJ (5), NY (17), MA (5), NH (2), RI (4) --33-35
4412. 1945 -- Nov 30, USN PB4Y-2 plane missing, NAS Kodiak, AK to NAS Seattle, WA-- 25
4413. 1945 -- Dec 03, USAAF C-47B crash 10 miles SE of Carlos Pellegrini, Argentina --all 14
4414. 1945 -- Dec 04, USAAF C-47 missing, Monrovia Liberia for Johannesburg, Africa coast--17
4415. 1945 -- Dec 05, 5 USN Avengers and USN Mariner search plane lost off east FL coast-- 27  
 --14 Flight 19; 5 USN torpedo bombers lost ~100M ENE, Banana River NAS, FL  
 --13 USN PBM-5 Mariner search plane lost ~25M SW off Cape Canaveral, FL
4416. 1945 -- Dec 08, Northwest Air C-47 USAAF charter AP approach crash, Billings, MT--19

4417. 1945 -- Dec 24, fire (Christmas tree), Niles Street Convalescent Hospital, Hartford, CT--21  
4418. 1945 -- Dec 26, Belva No. 1, coal mine gas and dust explosion, Fourmile, KY -- 25
4419. 1946 -- cerebrospinal (meningococcus) meningitis infections (Int. List No. 6) --1,257  
4420. 1946 -- cold, exposure to excessive cold; International List code 190 -- 193  
4421. 1946 -- diphtheria, infectious diseases International List No. 10 --1,259  
4422. 1946 -- dysentery, infectious and parasitic diseases International List code 27 -- 952  
4423. 1946 -- encephalitis, acute infectious, International List infectious diseases code 37-- 642  
4424. 1946 -- heat, excessive, International list code 191 -- 182  
4425. 1946 -- hunger or thirst, International List code 189 -- 27  
4426. 1946 -- influenza, infectious diseases Int. List code 33 (pneumonia deaths were 20,252) --8,783  
4427. 1946 -- leprosy (Hansen's disease), infectious and parasitic diseases Int. code 23 -- 16  
4428. 1946 -- malaria, infectious and parasitic diseases International List code 28 -- 341  
4429. 1946 -- measles, International List infectious and parasitic diseases code 35 --1,310  
4430. 1946 -- polio, July-Nov esp., esp. MN/216, IL/185, TX/102, CA/99, MO/97 KS/91--1,845  
4431. 1946 -- scarlet fever, International List No. 8 -- 198  
4432. 1946 -- scurvy (ascorbic acid deficiency), International Lists code 67 -- 21  
4433. 1946 -- smallpox, infectious and parasitic diseases International List No. 34 -- 25  
4434. 1946 -- tuberculosis, respiratory, code 13 (all forms including respiratory, 50,911) --46,939  
4435. 1946 -- typhoid fever (349), Int. List No.1 and paratyphoid fever (58), Int. List No.2--408  
4436. 1946 -- typhus fever/typhus-like diseases, Int. list infectious/parasitic diseases No.39--289  
4437. 1946 -- whooping cough, International List No. 9 --1,241  
4438. 1946 -- Jan 4, TX tornadoes, esp. Clawson/3, Nacogdoches/10, Palestine/15 areas, east TX--30  
4439. 1946 -- Jan 6, AR/MS tornadoes, esp. Lake Village AR; Coila/Indianola/Sunflower, MS --10-11  
4440. 1946 -- Jan 12, USN PB4Y-2 hits Homonhon Isl. ridge in adverse weather, Philippines--10  
4441. 1946 -- Jan 13, USAAF C-46 initial climb crash into sea, off Majuro, Marshall Islands--12  
4442. 1946 -- Jan 15, excessive charge explosion, No. 9 Havaco coal mine, New River Co, Havaco, WV--15  
4443. 1946 -- Jan 18, Eastern Air Flight #105 engine fire/wing collapse/crash, Cheshire, CT--17  
4444. 1946 -- Jan 27, fire, Winona Apartments and rooming house, Kansas City, MO --10-11  
4445. 1946 -- Jan 28, gasoline fumes ignite, fire, Tinker Field Hangar ~Oklahoma City, OK--10  
4446. 1946 -- Jan 29, USAAF C-46, occupants bail out, unable to find Shanghai AP, China--all 12  
4447. 1946 -- Jan 31, United Air Lines #14 deviates from course, flies into Elk Mt., WY --all 21  
4448. 1946 -- Feb 02, explosion/fire, Jennings Hall Home for Aged, Garfield Heights, OH-- 14  
4449. 1946 -- Feb 04, AK steamship *Yukon* hits rocks off Johnstone Bay, SE of Seward, AK--11  
4450. 1946 -- Feb 05, USAAF C-47 crash, Negros Island mountainous terrain, Philippines --20-24  
1946 -- Feb 19, apartment building natural gas explosion and fire, New Orleans, LA-- 7  
4451. 1946 -- Mar 03, American Air 6-103 descent crash in zero visibility, Thing Mt., CA-- 25  
4452. 1946 -- Mar 7, Kirtland AAB USAAF B-29 disintegrates, Los Lunas bombing range, NM--10  
4453. 1946 -- Mar 19, USAAF B-17 crash in adverse weather, northern Formosa (Taiwan) --all 10  
4454. 1946 -- Mar 19, USAAF C-47 breaks-up in-flight, near Hobart Mills, CA --all 26  
4455. 1946 -- Mar 23, USAAF C-47 flies into Mount Banahao/Banahaw, Leyte, Philippines--19  
4456. 1946 -- Apr 01, Aleutian Islands, AK earthquake, tsunami (AK/5, CA/1, HI/159-173)-165-179  
4457. 1946 -- Apr 4, USN R4D-6 transport hits mountain at night ~15M SE Albuquerque, NM-- 11  
4458. 1946 -- Apr 8, USAAF C-47 Yan'an approach crash, Mt. Hei Cho, ~Shensi, China--all 17  
4459. 1946 -- Apr 18, Great Valley Coal Mine methane gas explosion, McCoy, VA -- 12  
4460. 1946 -- Apr 25, *Exposition Flyer* train rear-ends stopped *Advance Flyer*, Naperville, IL--45

4461. 1946 -- May 10, two USN PB4Y-2 bombers collide when “attacked” in exercise ~Munson, FL-28
4462. 1946 -- May 16, Viking Air Transport engine problems/pilot error crash, Richmond VA-- 27
4463. 1946 -- May 17, USAAF C-47 with POW remains hits hillside, Tripura district, India--all 11
4464. 1946 -- May 27, USAAF B-17G lost, Kwajalein to Guam, searching for missing C-54--10
4465. 1946 -- June 01, USAAF C-54 cockpit fire, loss-of-control, crash off Amalfi, Italy-- 30
4466. 1946 -- June 05, fire, LaSalle Hotel, Chicago, IL -- 61
4467. 1946 -- June 09, fire, Canfield Hotel, Dubuque, IA -- 19
4468. 1946 -- June 9, USAAF C-54 hits terrain 500ft below approach altitude, Taboga Isl., Panama--23
4469. 1946 -- June 12, USAAF B29 crash/fire, Collins Gap, near Clingman’s Dome, TN-- 12
4470. 1946 -- June 21, explosion (postulated as natural gas), Baker Hotel, Dallas, TX -- 10
4471. 1946 -- July 9, USAAF B-17 hits Mount Tom, too-low approach, Westover AFB ~Holyoke, MA--25
- 1946 -- July 18, butane gas explosion, Christy’s Spa & 3 frame buildings, Onset, MA-- 9
4472. 1946 -- July 18, USAAF C-47 transport crash, in severe thunderstorm ~Goodland, KS--13
4473. 1946 -- July 20, two USAAF B-17G search planes collide off Coiba Island, Panama-- 20
4474. 1946 -- July 30, USN PB4Y-2 crash searching for missing US planes, Mindoro Isl., Philippines--10
4475. 1946 -- Aug 1, USN PB4Y-2 Privateer crash after takeoff from Camp Kearny MCAS, CA--all 12
- 1946 -- Aug 09, USAAF A-26 Invaders collide, ground casualties, No. Montana State Fair, Great Falls-7
4476. 1946 -- Aug 17, tornadoes, esp. Green Gables tourist camp, Blue Earth Co., MN -- 9-11
4477. 1946 -- Sep 4, US freighter *David Caldwell* grounds, storm, Gironde Estuary, SW France-10
4478. 1946 -- Sep 5, Trans-Luxury Airlines charter hits ridge on AP approach in fog/burns ~Elko, NV--21
4479. 1946 -- Sep 16, 3 US mil. plane crashes, Aleutian Isl., AK, Granite Falls, WA, Twin Falls, ID--13
- 1 USAAF P-381 Lightning 44-26912. Fuselage cracks/plane came apart. AK
- 4 USAAF A-27 Invader, pilot loses control in air show maneuver, crashes. ID
- 8 USN PBY-61 Catalina hits trees/crashes near Granite Falls, WA
4480. 1946 -- Oct 1, USAAF B-29 Superfortress crash in storm/burns, Buffalo Valley, NV--all 11
4481. 1946 -- Oct 3, explosions/fire, alkylation unit fractionating tower, Sun Oil Co., Marcus Hook, PA--10
4482. 1946 -- Oct 03, American Overseas Air takeoff crash, Harmon Field AFB, Newfoundland--39
4483. 1946 -- Oct 11, planes crash; ~Alexandria VA, ~NAS Kaneohe HI, ~Tulelake CA, Brazil-- 13
- 5 USAAF B-25 crash in fog, Franconia, 6M west of Alexandria, VA
- 2 USN patrol bomber crashed after takeoff near NAS Kaneohe, Oahu, HI
- 1 private plane, pilot lost control flying low and crashed, near Tulelake, CA
- 5 USAAF C-45 hits mt. peak in simulated bombing run, Rio de Janeiro, Brazil
4484. 1946 -- Oct 17, National Air Transport Service landing crash in adverse weather, Laramie, WY-13
4485. 1946 -- Nov 13, Western Air Flight 23, Las Vegas to Burbank, hits White Mt., CA-- 11
4486. 1946 -- Nov 16, US Army Air Force DC-47 crashes into Pacific 15M off Iwo Jima--all 23
4487. 1946 -- Dec 07, fire, Hotel Winecoff, Atlanta, GA -- 119
4488. 1946 -- Dec 10, USMC R5C-1 transport flies into So. Tahoma Glacier, Mt. Rainier, WA--32
4489. 1946 -- Dec 10, USAAF C-46 takeoff crash ~Itami US Air Base, Osaka, Japan --all 23-24
4490. 1946 -- Dec 12, fire, vacant Knickerbocker Ice Plant wall falls onto tenement, NYC-- 37
4491. 1946 -- Dec 13, *Golden Triangle* passenger train hits stopped freight trains ~Coulter, OH--19
4492. 1946 -- Dec 24, Western Air 44 hits Cuyapaipe Mt., too-low approach to San Diego, CA--12
4493. 1946 -- Dec 28, TWA 6963, final approach crash at night, altimeter error, Shannon AP, IRL--12
- 10 passengers and crew with US addresses and 2 with French
4494. 1947 -- cerebrospinal (meningococcus) meningitis infections (Int. List No. 6) -- 917
4495. 1947 -- diphtheria, Int. List No. 10 infectious disease -- 799

4496. 1947 -- dysentery, infectious and parasitic diseases Int. List No. 27 -- 869  
4497. 1947 -- encephalitis, acute infectious, Int. List infectious diseases code 37 -- 830  
4498. 1947 -- influenza, infectious and parasitic diseases code 33 --7,664  
4499. 1947 -- leprosy (Hansen's disease), infectious and parasitic diseases code 23 -- 16  
4500. 1947 -- malaria, infectious and parasitic diseases Int. list code 28 -- 214  
4501. 1947 -- measles, Int. List infectious and parasitic diseases code 35 -- 472  
4502. 1947 -- polio, Int. List infectious disease code 36 -- 580  
4503. 1947 -- scarlet fever, Int. List No. 8 infectious disease -- 107  
4504. 1947 -- tuberculosis, respiratory, code 13 (all forms including respiratory--48,064) --44,462  
4505. 1947 -- typhoid fever (282), Int. List No.1 & paratyphoid fever (43), Int. List No.2-- 325  
4506. 1947 -- typhus fever/typhus-like diseases, int. list infectious/parasitic diseases No. 39--224  
4507. 1947 -- whooping cough, Int. List No. 9 infectious disease --1,954  
4508. 1947 -- cold, exposure to excessive cold; International List code 190 -- 270  
4509. 1947 -- heat, excessive, International list code 191 -- 540  
4510. 1947 -- hunger or thirst, 1948 International List code 189 -- 26  
4511. 1947 -- scurvy (ascorbic acid deficiency), International Lists code 67 -- 22  
4512. 1947 -- Jan 09, Boston fishing trawler *Belle* goes missing off coast of MA -- 17  
4513. 1947 -- Jan 12, Eastern Air Flight 665 too-low/off-course crash, 10M NE Galax, VA-- 18  
4514. 1947 -- Jan 15, Glen Alden Coal Co., Nottingham Coal Mine gas explosion, Plymouth, PA--15  
4515. 1947 -- Jan 27, USAAF B-29 takeoff crash (engine trouble), Kirtland Field, NM -- 12  
4516. 1947 -- Feb 4, USN R-4D-5S (DC-3), crashed during storm, off Chincoteague Isl., VA-10  
4517. 1947 -- Feb 17, train-crew bus drives into path of one-car electric train, Andry, IN-- 13  
4518. 1947 -- Feb 18, Pennsylvania Railroad *Red Arrow* train derails, near Altoona, PA -- 24  
4519. 1947 -- Feb 20, chemical explosion, O'Connor Electroplating Works & other bldgs., LA, CA--17  
4520. 1947 -- Feb 20-22 snowstorm, esp. NE coast, esp. NJ/13, PA/23, New Eng./12, DC --53-56  
4521. 1947 -- Feb 22, US Coast Guard PBM-5 crashes in Mexico on way back to San Diego--10  
4522. 1947 -- Feb 24, USAF B-29 weather reconnaissance plane lost, Bering Sea or W. AK--12  
4523. 1947 -- Mar 12, tanker *Fort Dearborn*, San Fran. to Shanghai, breaks up, gale, Pacific-12  
4524. 1947 -- Mar 25, blasting causes dust explosion, Centralia No. 5 Coal Mine ~Centralia IL-111  
4525. 1947 -- Apr 02, explosion and fire, Lawrence Brown Fireworks Plant, Clinton, MO-- 12  
4526. 1947 -- Apr 9, tornadoes, Glazier, Higgins TX/69; OK/113-116, esp. Woodward/107--181-185  
4527. 1947 -- Apr 10, methane gas explosion, Schooley shaft, Knox Coal Co., Exeter, PA-- 10  
4528. 1947 -- Apr 16-17, *Grandcamp* ammonium nitrate explos./fire, Texas City, TX --581-600  
4529. 1947 -- Apr 19, USAF B-29 takeoff engine fire/explosion/crash, off Kwajalein Island--16  
4530. 1947 -- Apr 29, AR/9, MO/15-16, IL, IA tornadoes, especially Worth, MO (13-15)--24-25  
1947 -- Apr 30, mining blast raises coal dust; explosion; Spring Hill Coal Co., Kerns Mine, Terre Haute IN--8  
4531. 1947 -- May-July, flooding, rivers in middle West in lower MO/middle MS Riv. basins-- 16  
4532. 1947 -- May 29, USAAF C-54 approach crash near Atsugi Air Base, Japan --all 41  
4533. 1947 -- May 29, United Air 521 take-off plane crash and fire, La Guardia Field, NY-- 43  
4534. 1947 -- May 30, plane crash, Eastern Air Lines Flight 605 near Bainbridge, MD -- 53  
4535. 1947 -- June 01, tornado, F4, Jefferson County, especially Pine Bluff area, AR -- 35  
4536. 1947 -- June 13, Pennsylvania-Central Air Flight 410 too-low crash ~Lookout Rock, WV--50  
4537. 1947 -- June 14, off-course USAAF B-29 hits Hawks Mountain top at night, VT --all 12  
4538. 1947 -- June 22, tankship *Markay* petroleum prod. loading, vapor explos., LA, CA--10-12  
4539. 1947 -- June 23, flash flooding, Republican River, Cambridge to Orleans, NE -- 13  
4540. 1947 -- July 13, Burke Air Transport flies into ground (pilots asleep?), 4M SW Melbourne, FL--14

4541. 1947 -- July 24, Old Ben No. 8 coal mine methane gas/dust explosion, West Frankfort, IL--27  
4542. 1947 -- July 29, butane gas explos./fire, Pauline's Beauty School, Harrisonburg, VA-- 11  
1947 -- July 29, USAAF B-29 Superfortress takeoff crash, Eglin AAF, Valparaiso, FL--9  
4543. 1947 -- Aug 1-15, heat, esp. IL/48 & MO/66 (540 US excessive heat deaths/1947) --168-175  
4544. 1947 -- Aug 05, road collision/fire, gasoline and laborer trucks, Waxahachie, TX -- 19  
4545. 1947 -- Aug 06, US Navy PBY-5A Catalina disappears, Kodiak to Dutch Harbor, AK--20  
4546. 1947 -- Aug 16, USAF B17 runs out of fuel/crashes 50M off Barbers Point, Kalaeloa, HI--10  
4547. 1947 -- Sep 09, fuel tanks explode, fire, steamboat *Island Queen*, Pittsburgh, PA -- 19  
1947 -- Sep 15, USAF B-17 explodes/crashes, Bush Riv. at Chesapeake Bay ~Aberdeen MD--9  
4548. 1947 -- Sep 17-19, Fort Lauderdale Hurricane, FL (17), LA (12), MS (22) -- 51  
4549. 1947 -- Sep 19, USAF C-54 in-flight fire/crash 3.1M SW off Puerto San Juan, Peru-- 14  
4550. 1947 -- Oct 17-27, forest fires, CT/1, ME/16, MA/3, NH/1, esp. Mt. Desert Isl. ME-- 21  
4551. 1947 -- Oct 24, United 608 fire and emer. Indg. attempt crash ~Bryce Canyon AP, UT-- 52  
4552. 1947 -- Oct 26, plane crash, Pan Am Air, Tamgas Mountain, Annette Island, AK -- 18  
4553. 1947 -- Nov 24, storm, Army transport *Clarksdale Victory* grounds, Hippa Island, BC<sup>111</sup>49  
4554. 1947 -- Nov 27, Columbia Air Cargo C-47 too-low AP approach crash, Yakutat, AK-- 13  
4555. 1947 -- Nov 28, off course USAF C-47 flies into Mt. Carbone, Alps near Cuneo, Italy--20  
4556. 1947 -- Dec 10, USAF C-54 crash after takeoff & emer. Indg. request ~Goose Bay, Labrador--23  
4557. 1947 -- Dec 11, USAF C-47 airport approach crash near Memphis, TN --all 20  
4558. 1947 -- Dec 16, USAF B-29 crash after Davis-Monthan Field takeoff ~Tucson, AZ-- 12  
4559. 1947 -- Dec 25, gas thrown on stove/explos., Washoe tribe gambling house, Dresslerville, NV--14-15  
4560. 1947 -- Dec 26-27, winter snow storm, New England/20, PA/2, NJ/31, NY/17 --70-77  
4561. 1947 -- Dec 31, LA-AR tornado, esp. Cotton Valley, LA/14, elsewhere LA/4 and AR/1--19  
1947 -- Dec 31, USAF B-29 weather recon. plane engine loss/crash after takeoff, ~Elmendorf AFB AK--9
4562. 1948 -- cerebrospinal (meningococcus) meningitis infections (code 6, ICD 1, 1948)-- 873  
4563. 1948 -- diphtheria, 1948 infectious and parasitic diseases ICD code 10 -- 634  
4564. 1948 -- dysentery, 1948 infectious and parasitic diseases ICD code 27 --1,078  
4565. 1948 -- encephalitis, acute infectious (viral), 1948 ICD infectious diseases code 37-- 570  
4566. 1948 -- influenza, 1948 ICD infectious and parasitic diseases code 33 --5,068  
4567. 1948 -- leprosy (Hansen's disease), 1948 infectious and parasitic diseases code 23 -- 21  
4568. 1948 -- malaria, 1948 infectious and parasitic diseases ICD code 28 -- 170  
4569. 1948 -- measles, 1948 ICD infectious and parasitic diseases code 35 -- 888  
4570. 1948 -- polio, esp. CA/365 MN/196 TX/190 NC/143 WI/92 SD/90 OH/87 IA/76 --1,895  
4571. 1948 -- scarlet fever, 1948 infectious and parasitic diseases ICD code 8 -- 68  
4572. 1948 -- tuberculosis, respiratory, code 13 (all forms including respiratory were 43,833)--40,420  
4573. 1948 -- typhoid fever (code 040)/205, and paratyphoid fever (code 041)/28 -- 233  
4574. 1948 -- typhus fever & typhus-like diseases, ICD infectious/parasitic diseases code 39-- 177  
4575. 1948 -- whooping cough, infectious and parasitic diseases ICD code 9 --1,146  
4576. 1948 -- cold, excessive; 1948 ICD code 190 -- 345  
4577. 1948 -- heat, excessive, 1948 ICD code 191; includes Aug/Sep heatwave, esp. NYC/Philly--392  
4578. 1948 -- hunger or thirst, 1948 ICD code 189 -- 35  
4579. 1948 -- Jan 1, speeding Missouri Pacific train rams 2<sup>nd</sup> train in snowstorm ~Otterville, MO-14  
4580. 1948 -- Jan 01-2, winter ice, sleet and snow storms, Great Plains to New England --21-36  
4581. 1948 -- Jan 07, Coastal Air Lines DC-3 charter stalls and crashes, near Savannah, GA--18

<sup>111</sup> Part of Canadian Graham Island group just south of southern point of Alaska's Alexander Archipelago.

4582. 1948 -- Jan 23-26, sleet, snowstorms and cold-wave, South to Ohio to Northeast --42-44  
4583. 1948 -- Jan 27, USAF C47 crash (dependents), snowstorm, Cheval Blanc Mt., France--12  
4584. 1948 -- Jan 28, Airline Transport Carriers crash (US INS Charter to Mex.) ~Coalinga, CA-- 32  
1948 -- Jan 30, USAF B-17 plane crash, Cheval Blanc Mountain, Southern France-- 9  
4585. 1948 -- Feb 13, fire, apartment building, Hoage family, Cedar Street, Utica, NY -- 11  
4586. 1948 -- Mar 10, Delta Air Flight 705 takeoff crash, Chicago Municipal Airport, IL-- 12  
1948 -- Mar 10/11, fire, Highland Hospital for Nervous Disorders, Asheville, NC -- 9  
4587. 1948 -- Mar 12, Northwest Airlines flight 4422 (charter) crash, Mt. Sanford, AK -- 30  
4588. 1948 -- Mar 18, USAF B-29 landing crash in dense fog, MacDill Field, Tampa, FL-- 10  
4589. 1948 -- Mar 19, tornadoes, MO/4, KY/2, OH/4, IL/33, esp. Bunker Hill/19 -- 43  
1948 -- Mar 23, Ward's Rest/convalescent home for elderly fire, north Omaha, NE-- 8  
4590. 1948 -- Mar 25, OK tornado, especially farm homes near Wetumka and Lenna, OK-- 13  
4591. 1948 -- Mar 26, tornadoes, Clay/Putnam/Hendricks (esp. Coatesville)/Madison counties, IN--20  
1948 -- Mar 27, car turns in front of truck, collide in heavy fog, near Kalamazoo, MI-- 6  
4592. 1948 -- Apr 15, Pan Am 1-10 hits rock wall, Shannon AP approach, Ireland --19US of 30  
4593. 1948 -- May 09, USN PBY-6A Catalina plane lost, San Juan, PR to Key West, FL--all 12  
4594. 1948 -- May 17, Koppers Co., coal tar distillation plant tank explosion/fire, Kearny NJ--10  
4595. 1948 -- May 22-June 11, flooding/dike failures, esp. Portland & Vanport, OR/23, Can./11, WA/9--51-55  
4596. 1948 -- May 31, USN Carrier *Kearsarge* launch swamped, Hampton Roads, VA --30-31  
4597. 1948 -- June 17, United Air 624 CO<sub>2</sub> in cockpit/crash ~Mount Carmel ~Shamokin PA--43  
4598. 1948 -- July 27, Princeton Mining Co., King Coal Mine gas explosion, Princeton, IN-- 13  
4599. 1948 -- July 30, T.C.I Co. Edgewater Coal Mine gas explosion, near Birmingham, AL--11  
4600. 1948 -- Aug 05, USN Douglas R4D-6 and civilian Stearman collide ~NAS Miami, FL--10  
--10 USN Douglas R4D-6 -- 0 civilian Stearman  
4601. 1948 -- Aug 11, USN PB4Y-2 flies into cliff, Rota Island (northern Mariana Islands)-- 12  
4602. 1948 -- Aug 12, USAF B-29 goes out of control on takeoff climb, crashes 6M S Roswell NM-13  
4603. 1948 -- Aug 20, USAF B-29 engine fire, takeoff attempt, crash, Rapid City AFB ~Rapid City, SD--17  
1948 -- Aug 24, USAF C-47 collides with USAF B-25 (no losses), 5M N of Newton NJ--9  
4604. 1948 -- Aug 24, USAF B-29 engine loss on takeoff, emer. lndg. crash Hickam AFB, HI-16  
4605. 1948 -- Aug 29, Northwest 421 wing failure in thunderstorm/crash, NW of Winona, MN--37  
4606. 1948 -- Sep 07, Brach candy factory fire, starch dust explosions and fire, Chicago, IL--15  
4607. 1948 -- Oct 26-31, industrial smog/pollution, Donora (and Webster), PA<sup>112</sup> --20-22  
4608. 1948 -- Nov 01, USAF C-47 plane breakup and crash, thunderstorm, ~Muldrow, OK-- 11  
4609. 1948 -- Nov 03, USAF B-29 crash after takeoff near Lajes Field, Azores, Portugal-- 19  
4610. 1948 -- Nov 03, USAF B-29 flies into Higher Shelf Stones above High Peak, England--13  
4611. 1948 -- Nov 03, US Navy PB4Y-2 plane crash, 10M off Port Moller, Kodiak AK --all 12  
4612. 1948 -- Nov 4, Pacific Alaska Air Express C-47 lost, presumably off Cape Spencer, AK--17  
1948 -- Nov 04, USN P2V2 crash, snow-filled canyon, Vancouver Isl. BC, Can. (found 1961)-9  
4613. 1948 -- Nov 05, tornadoes, Madison/Yazoo/Tippah counties, MS/10, Harrisonburg LA/1--11  
4614. 1948 -- Nov 07, USAF B-29 out of Kadena AB, Okinawa, crash at sea NW of Guam-- 11  
4615. 1948 -- Nov 18-20, winter storm, near-blizzard/blizzard conditions, Pacific to Plains-- 15  
4616. 1948 -- Dec 22, USAF B-50 crash (congealed oil in manifold?) near Fairbanks AK--all 10  
4617. 1948 -- Dec 28, Airborne Transport charter crash (elec. sys.), San Juan PR-Miami, off FL-- 32  
4618. 1949 -- diphtheria, code 055, Public Health Service. *Vital Statistics...*[US] 1949...-- 574

<sup>112</sup> These were deaths during the week of Oct 26-31. Deaths were higher than expected for several months.

4619. 1949 -- dysentery, infectious, all forms (codes 045-048) --1,440

4620. 1949 -- hepatitis, infectious (code 092); PHS. *Vital Statistics...1949...Mortality* -- 560

4621. 1949 -- influenza (codes 480-483); pneumonia (codes 490-493) was 40,038) --4,602

4622. 1949 -- malaria (codes 110-117) -- 118

4623. 1949 -- measles (code 085); PHS, *Vital Statistics...[US] 1949, Part II...Mortality* -- 949

4624. 1949 -- meningococcal infections (code 057); *Vital Statistics...[US] 1949, Part II* -- 917

4625. 1949 -- polio, esp. July-Nov, esp., NY/320, IL/246, MI/210, TX/183, NJ/180, CA --2,720  
(includes May 20-late Aug San Angelo, TX polio epidemic, 28 deaths)

4626. 1949 -- scarlet fever (39)/code 050 and streptococcal sore throat (447)/code 051 -- 486

4627. 1949 -- tuberculosis, respiratory (all forms including respiratory were 39,100) --35,988

4628. 1949 -- typhoid fever, code 040 (161), and paratyphoid fever, code 041 (15) -- 176

4629. 1949 -- typhus and other rickettsial diseases (codes 100-103. 105-108) -- 37

4630. 1949 -- whooping cough, Public Health Service. *Vital Statistics...[US] 1949, Part II*--727

4631. 1949 -- excessive heat (code E931) -- 488

4632. 1949 -- Jan 2, Seattle Air Charter (Yale students) takeoff crash, Seattle-Boeing Field, WA-14

4633. 1949 -- Jan 02-05, blizzard and extreme cold, CO/7, NE/20, SD/1, WY/12 -- 40

4634. 1949 -- Jan 03, AR tornadoes, especially Warren (55 deaths), Bradley County, AR--57-58

4635. 1949 -- Jan 17, USAF B-29 crash, Argyllshire mts. (icing?) ~Lochgoilhead, Scotland-- 20

4636. 1949 -- Jan 19, USCG *Eastwind* and SS *Gulfstream* collide in fog ~60M SE of Barnegat Light Vessel--13  
(All 13 fatalities were from the Coast Guard Cutter/ice breaker.)

4637. 1949 -- Jan 26, USAF B-29, Dakar, Senegal to Norfolk, UK, lost ~Canary Islands, Spain--15

4638. 1949 -- Mar 3, home coal stove explos./fire/kerosene added, Fox Lake, Lakewood, 12M ~Muskegon MI-11  
1949 -- Mar 4, Woolworth Dept. Store fire, floor collapse/firefighters killed, Charleston, WV--7  
1949 -- Mar 12, date of last person to die of smallpox in the U.S., Elsa, TX -- 1

4639. 1949 -- Mar 26, tornadoes, esp. Lonoke/Clark/Prairie/Woodruff/Jackson counties, AR--18-24

4640. 1949 -- Apr 04-5, St. Anthony's Hospital fire (including 13 babies), Effingham IL -- 75  
1949 -- Apr 13, earthquake, epicenter betwn Olympia and Tacoma, Puget Sound-area, WA--8

4641. 1949 -- Apr 24, train hits family truck at RR crossing, 8M south of Carthage, TN -- 10

4642. 1949 -- May 16-17, downpour/flooding, Hico/1, esp. Trinity Riv. at Fort Worth/10, TX--11

4643. 1949 -- May 21, tornadoes, IL/9 deaths, IN/17, MO/25, esp. Cape Girardeau area/23-- 51

4644. 1949 -- June 7, Strato-Freight Inc. loses engine after takeoff, crashes off San Juan, PR--53

4645. 1949 -- July 12, Standard Airlines 897 hits mt. in fog, approach to Burbank, CA AP-- 35

4646. 1949 -- June 17-18, flash flooding, Shenandoah & Potomac Rivers, VA/3, WV/9 --11-12

4647. 1949 -- July 30, Navy Hellcat hits Eastern Airlines #557, both crash, Chesterfield, NJ-- 16

4648. 1949 -- Aug 5, Mann Gulch forest fire overruns smokejumpers, Gates of the Mountains, MT--13

4649. 1949 -- Aug 10, Greyhound bus hits bridge, rolls and burns, IN-37 ~Bloomington, IN--16

4650. 1949 -- Aug 31, USN Martin Mariner PBM-5 takeoff crash off NAS San Diego, CA-- 10

4651. 1949 -- Sep 06, Howard Barton Unruh rampage mass shooting, Camden, NJ -- 13

4652. 1949 -- Sep 23, USAF B-29 takeoff crash/engine failure, Andersen AFB (US), Guam--11

4653. 1949 -- Sep 26, USAF B-29 explosive decompression/crash near Talihina, SE OK --all 13

4654. 1949 -- Sep 30, USAF B-17 crash into mesa, storm/poor visibility, 4M N of Raton, NM--10

4655. 1949 -- Oct 13, Lakenheath AB USAF B50 takeoff engine fire/crash ~Isleham Eng.-US/11 of 12

4656. 1949 -- Oct 16, auto hits horse/on-coming car skids into the auto, 7M S of Sicily Isl. LA--6

4657. 1949 -- Nov 01, Eastern Air 537 & Lockheed P-38 collide, So. of National AP, VA-- 55

4658. 1949 -- Nov 3, USAF RB-29 engine issue after takeoff, crash off Kindley US AFB, Bermuda--11

4659. 1949 -- Nov 10, cotton pickers truck and semi collide, US Hwy. 80 ~Gila Bend, AZ-- 10



4660. 1949 -- Nov 16, two USAF B29 planes collide (9 die in each) over Stockton, CA -- 18
4661. 1949 -- Nov 24, tornadoes, Blount/4, DeKalb/1 and Tallapoosa/10 counties, east AL-- 15
4662. 1949 -- Nov 29, American Airlines flight 157 landing crash/fire, Dallas-Love Field, TX--28
4663. 1949 -- Dec 11, tornadoes, Cross Roads cmty., AR/4; esp. Poplar Bluff area/6, MO-- 10
4664. 1949 -- Dec 14, natural gas explosion, Swift & Co. Packing House, Sioux City, IA-- 21
4665. 1949 -- Dec 22, USAF B-50 fire after takeoff and crash, Argyle Isl. ~Savannah, GA--all 11
- 
4666. 1950 -- chickenpox, code 087 in 6<sup>th</sup> revision of International Lists of 1948 (US PHS)-- 87
4667. 1950 -- diphtheria, code 055 of sixth revision of international lists of 1948 (US PHS)--410
4668. 1950 -- hepatitis, infectious, code 092, 6<sup>th</sup> rev. of International Lists/1948, US PHS-- 552
4669. 1950 -- influenza; separate from influenza with pneumonia/3,492 and pneumonia/40,523--2,857
4670. 1950 -- malaria, codes 110, 112, and 116, sixth revision of international lists of 1948-- 75
4671. 1950 -- measles, esp. children, esp. MS/34, KY/30, MI/28, OH/27, NJ/26, TN/25 -- 468
4672. 1950 -- mumps, code 089 in 6<sup>th</sup> rev. of International Lists (in UPS Mortality Data)-- 40
4673. 1950 -- polio, acute; esp. July-Nov, esp. TX/204, NY/186, IL/MI/127, OH/117, CA/112--1,904
4674. 1950 -- scarlet fever (35) and streptococcal sore throat (311) PHS Mortality Data -- 346
4675. 1950 -- scurvy/ascorbic acid deficiency code 282, International Lists 6th Rev., 1948-- 27
4676. 1950 -- tuberculosis, pulmonary. Code 002, Sixth Rev. of International Lists, 1948 --29,228
4677. 1950 -- typhoid fever (96) and paratyphoid fever (18) (US PHS Mortality Data) -- 114
4678. 1950 -- typhus and other rickettsial diseases, codes 102-108, 6<sup>th</sup> rev. int. lists (PHS)-- 47
4679. 1950 -- whooping cough, code 056 of 6<sup>th</sup> rev. of international lists, 1948 (US PHS) --1,118
4680. 1950 -- cold, excessive, code E932, 6<sup>th</sup> revision of International Lists/1948, US PHS--250
4681. 1950 -- heat, excessive; code 0391, 6<sup>th</sup> revision international lists of 1948 US PHS-- 137
4682. 1950 -- hunger, thirst and exposure, code E933, 6<sup>th</sup> rev., international lists of 1948 -- 176
4683. 1950 -- Jan 07, fire, Women's Psychopathic Building, Mercy Hospital, Davenport IA--41
4684. 1950 -- Jan 13, USAF G-15 glider dips/dives to ground too steeply, Lawson AFB, GA-- 13
4685. 1950 -- Jan 13-14, snow/blizzard, deep cold, OR, WA, BC (2), esp. WA (8-9) --11-13
4686. 1950 -- Jan 26, USAF SAC C-54 transport lost near Snag, Yukon Territory Canada-- 44
4687. 1950 -- Feb 11-13, tornadoes. Feb 11-12: TX (8) and LA (25). Feb 13: TN (9) -- 42
4688. 1950 -- Feb 17, trains collide head-on, Rockville Centre Station, Rockville Centre, NY-- 32
- 1950 -- Feb 28, speeding car/4 Ft. Meade soldiers, hits taxi, US 1 ~Patapsco Riv. Bridge, MD--6
- 1950 -- Mar 02, residential home (Elwood Smith) fire, all six children, Monson, ME-- 8
4689. 1950 -- Mar 7, Northwest 307 hits flagpole, Twin Cities AP landing, crashes, Minneapolis, MN--15  
 --All 13 on Northwest 307  
 --2 children in bed in house that plane crashed into – girl 10, brother, 8.
4690. 1950 -- Mar 08, Sandia Secret Weapons Base prisoner jail fire, Albuquerque, NM -- 15
4691. 1950 -- Mar 23, USAF B-50 in-flight engine fire/explosion/wing loss/crash NNW Hyder, AZ--12
4692. 1950 -- Mar 26-27, wind and dust storms, Southwest, Midwest, South, East -- 19
4693. 1950 -- Apr 7-8, New Bedford MA scallop dragger *Four Sisters* lost E of Nantucket MA--all 10
4694. 1950 -- Apr 08, USN PB4Y-2 bomber shot down by USSR, Baltic Sea off Latvia --all 10
4695. 1950 -- Apr 11, USAF B-29 mt. crash, Manzano Nuc. Wpn. Storage Area ~Kirtland AFB NM--13
4696. 1950 -- Apr 21, off-course USAF C54 flies into Mt. Hirugatake at night ~Atsugi, Japan--all 35
4697. 1950 -- Apr 28, tornadoes, TX/5 deaths: Clyde/3 & Baird/2; Holdenville/5 & Hobart/1, OK--11
4698. 1950 -- May 07, squalls; boatmen in rivers/lakes/along coast of NY/17 and New Eng.--20
4699. 1950 -- May 08-09, downbursts, flash floods and flooding, Southeast Nebraska -- 23
4700. 1950 -- May 18, USAF B-29 engine problem, emer. lndg. crash, Lajes Field, Azores--all 16

4701. 1950 -- May 19, munitions being moved explode, Raritan River Pier, So. Amboy, NJ-- 31
4702. 1950 -- May 25, trolley & gasoline tank truck collide/explosion/fire, Chicago, IL -- 34
- 1950 -- June 01, USN P2V-2 Neptune emergency lndg. crash, Quonset Point NAS, RI-- 9
4703. 1950 -- June 5, Westair Transport C-46 engine loss, ditches, 300M E of Melbourne, FL--28
- 1950 -- June 14, USAF B-25 crash, top of Spruce Mt., 5M NW of Circleville WV -- all 9
4704. 1950 -- June 23, Northwest Air 2501 goes down in Lake MI, near Benton Harbor, MI--58
4705. 1950 -- June 24-25, heavy rain/flash flooding, esp. Smithsburg area (22).central WV--34-35
4706. 1950 -- July 13, USAF B-50 plunges to earth/unknown cause, ~Mason, Lebanon, OH--all 16
- 1950 -- July 16, U.S. & Lark Mine (lead-zinc) and smelting refining co. fire, Lark, UT-- 5
4707. 1950 -- July 23, USAF C46 with 31 TN NG, loses aileron on takeoff, crashes, Myrtle Beach SC--all 39
4708. 1950 -- July 27, USAF C-47 crash Pacific after takeoff 10M S of Oshima Island Japan-25
4709. 1950 -- Aug 5, USAF B-29 with nuke component crash & explos. ~Fairchild-Suisun AFB, CA--19  
 --12 of the 20 B-29 flight crew  
 -- 7 on ground fire-fighters when bombs exploded 10-12 minutes later.
4710. 1950 -- Aug 25, USN hosp. ship *Benevolence* sinks, collision with freighter ~SF, CA-- 23
4711. 1950 -- Aug 31, TWA 903 engine loss after takeoff, crash landing ~Cairo Egypt --23US of 55
4712. 1950 -- Sep 2, Milwaukee Interurban excursion trains collide headon ~Milwaukee WI--10
4713. 1950 -- Sep 04, Robinson Air #32 takeoff engine failure/crash, Oneida Co. AP, Utica, NY--16
4714. 1950 -- Sep 6, USAF C-54 explosion/crash after takeoff 4M NW Osaka-Itami Air Base, Japan--11
4715. 1950 -- Sep 11, Spirit of St. Louis train hits stopped PA NG troop train, Isleta, OH-- 33
4716. 1950 -- Sep 12, Fairhaven, MA fishing boat *Theresa A.* sunk in hurricane, Georges Bank-- 12
- 1950 -- Sep 19, USN PB4Y-2 Privateer plane crash, Puget Sound, Saratoga Passage, WA-7
4717. 1950 -- Sep 19, USN takeoff plane crash 1.6M off Kwajalein NAS, Marshall Islands-- 26
4718. 1950 -- Sep 26, USAF C-54D takeoff crash 1 mile off Asiya Air Base, Kyushu, Japan--23
- 1950 -- Oct 13, Northwest Air Martin 2-0-2 captain check flight crash, Almelund, MN--all 6
- 1950 -- Oct 19, USAF B-29 Superfortress bomber plunges to ground near Seguin, TX-- 8
4719. 1950 -- Oct 25-29, winter-like storms (wind/rain/snow), Northern CA, OR, WA -- 12
4720. 1950 -- Oct 29-Nov 06,<sup>113</sup> Independence uprisings multiple locations, Puerto Rico -- ~33
- 1950 -- Nov 1, Puerto Rican Nationalists try to assassinate President Truman, Blair House, DC-2
4721. 1950 -- Nov 07, Northwest Air #115 deviates from route, hits mt. ridge ~Butte, MT-- 21
4722. 1950 -- Nov 16, USAF KB29 tanker and B-50 collide/crash ~Sil Nakya village, AZ-- 13
4723. 1950 -- Nov 21, New Tribe Mission DC-3 plane crash, Mount Moran, WY --all 21
4724. 1950 -- Nov 22, Long Island commuter trains collide, Richmond Hill, Queens, NY-- 79
4725. 1950 -- Nov 24-27, coldwave/snow/storms, esp. IN, MI, NJ, NY, OH, PA, WV --288-383
4726. 1950 -- Dec 18, tug *Sachem* sinks (all aboard lost), Lake Erie, off Dunkirk, NY -- 12
4727. 1950 -- Dec 19, USAF Douglas C-54G transport crash, Mt. Tabayoc, Luzon, Philippines--all 38
4728. 1950 -- Dec 22, fire, Walker Convalescent Home (for the elderly), near Amarillo, TX--10
4729. 1950 -- Dec 23, USN P2V Neptune crash, McCreight Mt., Vancouver Isl., BC, Can.-- 11
4730. 1951 -- chickenpox (varicella); Code 087, International List 6<sup>th</sup> Revision, 1948 -- 94
4731. 1951 -- diphtheria, esp. TX/31, AL/26, NC/19, KY/17, AR/16, LA/15 PA/15 CA/14--302
4732. 1951 -- influenza; (influenza with pneumonia/3,533; broncho-pneumonia/20,076) --3,094
4733. 1951 -- measles, esp. TX/102, KY/43, OH/39, CA/37, IL/31, MO/30, PA/26, OK/25--688
4734. 1951 -- mumps (code 089) -- 48
4735. 1951 -- polio, esp. July-Nov, esp. TX/183, CA/156, IL/94, WI/74, MI/62, UT/43 ~1,555

<sup>113</sup> Most of the fighting was over by Nov 1, but did not conclude entirely until Nov 6.

4736. 1951 -- scarlet fever (72) and streptococcal sore throat (275) -- 347
4737. 1951 -- tuberculosis, esp. NY/3.5K, PA/2.5K, CA/2.2K, TX/2K, IL/1.8K, OH/1.5K--31,163
4738. 1951 -- typhoid fever (code 040), *Vital Statistics-Mortality 1951*; esp. TX/12, PA/9-- 84
4739. 1951 -- whooping cough/pertussis, esp. TX/110 GA/86 MS/72 NC/52 VA/48 AL/45--960
4740. 1951 -- cold, exposure to excessive natural; USPHS *Vital Statistics -Mortality, 1951*--407
4741. 1951 -- excessive natural heat, USPHS *Vital Statistics -Mortality, 1951*, code E931-- 422
4742. 1951 -- hunger, thirst, and exposure (International Lists code E933, 6<sup>th</sup> Rev., 1948)-- 385
- 1951 -- Jan 1, cars collide, US 1 (Baltimore Washington Boulevard), near Savage, MD--7
4743. 1951 -- Jan 14, Gloucester, MA, fishing trawler *Gudrun* lost off Newfoundland -- 17
4744. 1951 -- Jan 16, Northwest Orient Flight 115 uncontrolled dive to ground ~Reardan WA--10
4745. 1951 -- Jan 18, Burning Springs Collieries Co., gas explosion, Kermit, WV -- 11
4746. 1951 -- Jan 28-Feb 8, cold waves, snow/ice/sleet, most of US, esp. IN/30, OH/30, TX/24--~209
- 1951 -- Jan 28, traffic accident, Toccoa, Stephens County, GA -- 7
- 1951 -- Jan 28, Bridal party car misses Mystic Riv. bridge ramp, goes off old bridge draw, Boston MA-6
4747. 1951 -- Jan 30, McClary Convalescent Home (for aged) incinerator fire, Hoquiam WA--21
4748. 1951 -- Feb 06, speeding commuter train derails, temporary trestle, Woodbridge, NJ-- 85
4749. 1951 -- Feb 08, LPG vapor explosion, Minnesota Mining & Mfg., St. Paul, MN -- 14
4750. 1951 -- Mar 02, Mid-Continent Airlines too-low AP approach crash, Sioux City, IA-- 16
4751. 1951 -- Mar 22, USAF C-124A Globemaster lost after ditching, No. Atlantic, off Ire.--all 53
4752. 1951 -- Apr 06, Southwest Air Flight 7 flies into no. slope Santa Ynez Peak, CA --all 22
4753. 1951 -- Apr 08, West VA National Guard C-47 flies into ground ~Charleston, WV--all 21
4754. 1951 -- Apr 20, *Esso Greensboro & Esso Suez* collide full speed/dense fog, Gulf of Mexico--39  
--37 tanker *Esso Greensboro* (5 survivors) --2 tanker *Esso Suez* (47 survivors)
4755. 1951 -- Apr 25, Cubana Flight 493 & US Navy Beechcraft collide off Key West, FL-- 43  
--39 (all) Cubana de Aviacion Flight CU493 --4 USN Beechcraft SNB-1 Kansan
4756. 1951 -- Apr 26 USAF B-29 Superfortress landing crash, Lajes AFB, Terceira, Azores, Portugal--11
4757. 1951 -- Apr 27, USAF F-51 Mustang jet hits USAF B-36, NE of Perkins, OK -- 14
4758. 1951 -- Apr 28, United Air Flight 129 downdraft plane crash, near Fort Wayne, IN--all 11
4759. 1951 -- May 6, USAF B-36 landing crash/high wind, Kirtland AFB ~Albuquerque, NM--23
4760. 1951 -- May 10, two USAF F-80s collide, one crashes killing 10 on ground, Fukuoka, Japan--11
4761. 1951 -- May 14, collier *Thomas Tracy* & USS *Valcour* collide/*Valcour* fire off Cape Henry VA-36
4762. 1951 -- May 18, Penn. RR *Red Arrow* runs into *Pittsburgh Flyer* ~Bryn Mawr, PA-- 8-10
- 1951 -- May 21, USAF C-124 Globemaster emergency landing crash ~New Lisbon IN--7
4763. 1951 -- June 3, USAF C-82 Flying Boxcar hit by lightning/crashed, New Boston, TX--all 10
4764. 1951 -- June 22, Pan American Flight 151 flies into hill ~Monrovia, Liberia--13 US of 40
4765. 1951 -- June 30, United Flight 610 flies into Crystal Mt, 18M from Ft. Collins, CO-- 50
4766. 1951 -- July 11-18, storms, flooding, East KS (19), West MO (6), IL (3), OK (1) --28-29
4767. 1951 -- July 21, Canadian Pacific Air (US military charter), lost, Gulf of AK ~Sitka-- 37  
--26 US servicemen  
-- 3 civilians attached to the US Army  
-- 6 Canadian crew  
-- 2 Royal Canadian Navy personnel
4768. 1951 -- Aug 12, US Navy PB4Y-2 Privateer crash into mountain, Amak Island, AK-- 12
4769. 1951 -- Aug 13, USAF B-50 Boeing Field takeoff crash into Lester Apts., Seattle, WA--11
4770. 1951 -- Aug 18, beer truck/car collide, truck/Greyhound bus collide ~Alpena, MI --11-14
4771. 1951 -- Aug 20, USAF T-33A crash after takeoff, hits Army truck/burns, Fort Dix NJ--13  
-- 2 in the T-33A

--11 Army soldiers on the ground

4772. 1951 -- Aug 24, United 615 too-low crash in fog on approach to Oakland AP, Decoto, CA--all 50  
4773. 1951 -- Aug 31, USN Consolidated PB4Y-2 Privateer crash, Little Tanaga Isl., AK--all 10  
4774. 1951 -- Sep 01, deep-sea fishing boat *Pelican* capsizes off Montauk Pt., Long Isl., NY--45  
4775. 1951 -- Sep 15, airshow stunt plane crash kills 19 spectators and pilot, Flagler, CO-- 20  
4776. 1951 -- Sep 17, Dubbs 17 cracking unit explosion & fire, Shell Refinery, Wood River, IL--18  
4777. 1951 -- Oct 5, Hurricane How, freighter *Southern Isles* breaks-up/sinks off Cape Hatteras, NC--17  
4778. 1951 -- Oct 15, USAF C-97A lost, North Atlantic, Azores to Westover AFB, MA -- 12  
4779. 1951 -- Oct 15, Bunker Mine methane gas explosion, Trotter Coal Co. Cassville, WV--10  
4780. 1951 -- Oct 21-25, wood alcohol (methanol) poisoning, Atlanta (also Winder) GA -- 41  
4781. 1951 -- Oct 29, two boats and barge collide, gasoline explosion, Buffalo River, NY-- 11  
4782. 1951 -- Oct 31, Truax-Traer Coal Co. Mine No. 1 dust explosion, United, WV -- 12  
4783. 1951 -- Nov 06, USN P2V-3W Neptune shot down by Soviet planes, Sea of Japan--all 10  
4784. 1951 -- Nov 12, snowstorm, high-speed passenger train runs into slow train ~Evanston, WY--17  
4785. 1951 -- Nov 13, USAF C-82 Flying Boxcar crashes into Puy de Sancy Mt., France--all 36  
4786. 1951 -- Nov 18, USAF B29 takeoff crash: crew OK; 3US/7 local rescuers killed by explos., Yokota, Japan--10  
4787. 1951 -- Nov 25, New York and New Orleans trains collide head-on ~Woodstock, AL--17  
4788. 1951 -- Nov 27, USN Martin PBM-5 Mariner crash in ocean 7M off San Diego CA --all 11  
4789. 1951 -- Dec 16, Miami Airlines engine fire on takeoff, crash, Elizabeth City, NJ --all 56  
4790. 1951 -- Dec 20, Danish cargo/passenger motorship *Erria* fire, Columbia Riv. ~Astoria, OR-11  
4791. 1951 -- Dec 21, New Orient Coal Mine #2 electric spark/gas explosion, West Frankfort IL-119  
4792. 1951 -- Dec 29, Continental Charters flight 44-2 flies into terrain near Salamanca, NY--26  
4793. 1951 -- Dec 30, USAF C-47 transport flies into mountain near Roosevelt, AZ --all 28
4794. 1952 -- cold, excessive natural; USPHS *Vital Statistics -Mortality, 1952* (E932) -- 225  
4795. 1952 -- heat, excessive natural; Sixth Revision of International Lists, 1948, code E931 --1,401  
4796. 1952 -- hunger, thirst, and exposure (International Lists code E933, 6<sup>th</sup> Rev., 1948)-- 297  
4797. 1952 -- scurvy/ascorbic acid deficiency, International Lists 6th Rev., 1948, code 282-- 18  
4798. 1952 -- chickenpox (varicella); International List 6<sup>th</sup> Revision, 1948, code 087 -- 101  
4799. 1952 -- diphtheria (7 states double digits); AL/21 TX/21 CA/17 GA/17 SC/13, KY/12 VA/11 -- 225  
4800. 1952 -- dysentery, infectious, all forms (codes 045-048), esp. TX/249 MS/71 KY/61 GA/46 -- 939  
4801. 1952 -- influenza, esp. TX/433 PA/377 OH/335 AL/283 NC/248 VA/239 MO/226--5,649  
4802. 1952 -- malaria, one to three deaths in 15 States -- 25  
4803. 1952 -- measles, 24 states double digits, esp. PA/49, NY/48, AL&TN/40 IN&KY/30 IL/25-- 621  
4804. 1952 -- mumps, US PHS *Vital Statistics of US 1952: Vol. II, Mortality* (code 089) -- 55  
4805. 1952 -- polio, esp. IL/258, TX/≥240, MI/218, CA/217 MN/200 IA/163 KY/132 NE/115 ~3,300  
4806. 1952 -- rubella (German measles); US PHS *Vital Statistics 1952: Vol. II* code 086)-- 31  
4807. 1952 -- scarlet fever & streptococcal sore throat, esp. MO/28 NY/22 OH/20 GA/19-- 352  
4808. 1952 -- tuberculosis (respiratory), esp. NY/2462, CA/1678, PA/1662, IL/1385, TX/12K--22,700  
4809. 1952 -- typhoid fever, *Vital Statistics-Mortality 1952* (040); esp. MS/7 TX/7 SC/6 -- 79  
4810. 1952 -- typhus/other rickettsial diseases (codes 100-108), 17 states, esp. GA/6, SC/3-- 29  
4811. 1952 -- whooping cough/pertussis, 16 states double digits, esp. TX/57 MS/30 AL/SC/24-- 406  
4812. 1952 -- Jan 09, SS *Pennsylvania* (of Tacoma) founders ~455M off Cape Flattery WA-- 46  
4813. 1952 -- Jan 10-19, rain/snow storms/slides, Pacific Northwest and Southern CA --13-14  
4814. 1952 -- Jan 14, USN P4Y-2 crash after 2 engines fail 6M SW of Yokohama, Japan--all 12  
4815. 1952 -- Jan 19, NW Orient 324 US mil. charter crash, Korea to WA, off Sandspit BC-- 36

4816. 1952 -- Jan 22, American Airlines Flight 6780 airport approach crash, Elizabeth, NJ-- 30  
 --23 Occupants of American 6780 (everyone).  
 -- 7 Occupants of buildings on the ground.
- 1952 -- Jan 28, tire blowout, car hits bridge, goes into slough, US 54 ~Kingman, KS-- 7
4817. 1952 -- Feb 1 USAF B29 hits 2<sup>nd</sup> B29/no deaths 2<sup>nd</sup> plane, 5M off Bolo Point Okinawa --all 12
4818. 1952 -- Feb 07, USAF B-29A takeoff crash, 5 miles NW of Yokota US AB, Japan-- 18  
 --13 USAF Boeing B-29A Superfortress (all).  
 -- 5 Japanese nationals in homes on the ground.
4819. 1952 -- Feb 11, National Air 101 takeoff engine loss/return attempt/crash, Elizabeth, NJ-33  
 --29 passengers and crew  
 -- 4 occupants of apartment building into which the aircraft crashed
4820. 1952 -- Feb 22, USAF F84 trng. flight hits power lines/crashes, Tsu Bu village, S Kor./14 dead-- 15
4821. 1952 -- Mar 12, two USAF B-29's flying blind collide ~Sequin and San Antonio, TX--15  
 -- 8 USAF TB-29 Superfortress 44-62223  
 -- 7 USAF TB-29 Superfortress 55-87774
4822. 1952 -- Mar 21-22, tornadoes, AL/4, AR/110-112, MS/9, MO/17, TN/72-75 --212-217
4823. 1952 -- Mar 21, USN PB4Y-2 crash after takeoff, off Corpus Christi NAS, TX --all 10
4824. 1952 -- Mar 26, two USAF planes crash, Davis-Monthan AFB/8, AZ; Albuquerque, NM/4-- 12
4825. 1952 -- Apr, flooding, Red River of North and upper Mississippi-Missouri River basin-- 11
4826. 1952 -- Apr 1-10, "Exercise Longhorn," military plane crashes & parachuting deaths, TX-- 10
4827. 1952 -- Apr 04, USAF Globemaster and C-47 Skytrain planes collide, Mobile, AL-- 15
4828. 1952 -- Apr 5, USAF B-29 weather plane airport approach crash, McClellan AFB, CA--all 10
4829. 1952 -- Apr 08, USAF B-25 flies into Golden Peak, near Golden, CO --all 11
4830. 1952 -- Apr 09, USAF F-94 fighter & C-47 transport collide in clouds ~Otis AFB, MA--all 12
4831. 1952 -- Apr 11, Pan Am Air 526, takeoff engine failure/crash, off San Juan, Puerto Rico--52  
 1952 -- Apr 14, USN P2V Ventura patrol bomber crash, Brunswick NAS, ME -- 5
4832. 1952 -- Apr 15, USAF B-36 takeoff crash and fire, near Fairchild AFB, Spokane, WA--15
4833. 1952 -- Apr 18, Robin Airlines C-46 charter crash, LAX approach ~Whittier, CA --all 29
4834. 1952 -- Apr 26, US destroyer *Hobson* hits Carrier *Wasp*, night maneuvers, sinks, No. Atlantic-176
4835. 1952 -- Apr 29, Pan Am 202 structural failure in-flight & crash, central Brazil--19US of 50  
 1952 -- May 13, USMC Corsair collides with USAF B-29, 30M W of Oceanside, CA --12 or 8  
 --7 USAF B-29 Superfortress crew (five survived). --1 USMC Corsair pilot.
4836. 1952 -- May 25, tankers *A. C. Dodge* and *Michael* collide, explos./fire, Delaware Riv., DE--10  
 --8 tanker *A. C. Dodge* (explosion, fire, sank) --2 tanker *Michael*
4837. 1952 -- Jun 13, USAF RB-29 intel plane out of Yokota Air Base, Japan, shot down, Sea of Japan-12
4838. 1952 -- June 24, NM-based USAF B-50 Superfortress crash near Lakenheath, UK --all 11
4839. 1952 -- July 21, earthquake, Kern County, CA -- 12
4840. 1952 -- Aug 04, two Greyhound buses collide head-on and burn, near Waco, TX -- 28
4841. 1952 -- Aug 7, USN plane crash, mts., returning to base, one engine/bad weather, so. of Bataan, Philippines- 12
4842. 1952 -- Aug 8, USN PBM Mariner seaplane crash, hilltop ~Nagahama, Ehime, Japan--all 13
4843. 1952 -- Oct 8, USAF B29 and F94 collide midair (all 11 on B29 killed) ~Portland, OR-11
4844. 1952 -- Oct 16, USAF C-46D transport crash, Sea of Japan off Gangwon-do, So. Korea--25
4845. 1952 -- Oct 26, USAF WB-29 lost, typhoon, Anderson AFB, Guam to Philippines--all 10
4846. 1952 -- Oct 31, Cedar Grove Nursing Home fire, Hillsboro, MO --18-20
4847. 1952 -- Nov 6, USAF B-50 crash in gale High Wood 2M W of Great Dunmow, Eng.-- 11
4848. 1952 -- Nov 7, USAF C-119C Flying Boxcar crash (navigational error) ~Mt. McKinley, AK-19

4849. 1952 -- Nov 12, US Navy P4Y-2 Privateer plane crash, 10M W of Shelton, WA --all 11  
4850. 1952 -- Nov 14, USAF C-119C Flying Boxcar flies into mt. (overcast), 20M E of Seoul, Korea--all44  
4851. 1952 -- Nov 15, USAF C-119 Flying Boxcar disappears, Anchorage to Kodiak, AK --all 20  
1952 -- Nov 17, USAF C-119 Flying Boxcar engine loss/crash, field ~Billings, MT-- 8  
4852. 1952 -- Nov 22, USAF MATS C-124 A Globemaster II crash, Mount Gannett, AK-- 52  
4853. 1952 -- Nov 25-26, winter storm, esp. NE/9, IA/4, OK/4, CO/KS/MN/2, TX/SD/1 --31-38  
4854. 1952 -- Nov 26, Huntington State Mental Hospital female ward fire, Huntington, WV--17  
4855. 1952 -- Nov 28, USAF Douglas C-54 aborted approach crash ~McChord AFB/Tacoma, WA--37  
4856. 1952 -- Dec 1, USAF C47B flies into Mt. San Gorgonio, snowstorm, ~Banning, CA--all 13  
4857. 1952 -- Dec 20, USAF Globemaster takeoff crash, Moses Lake ~Larson AFB, WA-- 87
4858. 1953 -- cold, exposure to excessive natural; USPHS *Vital Statistics -Mortality, 1953* (E932)--209  
4859. 1953 -- heat (I.L. code 931), esp. Aug 22-Sep 5, esp. MO/71, NY/43, TX/41, PA/40-- 576  
4860. 1953 -- hunger, thirst, and exposure (International List code E933, 6<sup>th</sup> Rev., 1948) -- 336  
4861. 1953 -- chickenpox (varicella); code 087, International List 6<sup>th</sup> Revision, 1948 -- 132  
4862. 1953 -- diphtheria, esp. GA/19 SC/16 TX/15 FL/12 AL/10 (only states in double digits)-158  
4863. 1953 -- dysentery, infectious, all forms (codes 045-048), esp. TX/268, MS/52, GA/41--886  
4864. 1953 -- encephalitis, acute infectious (viral) -- 386  
4865. 1953 -- influenza, esp. TX/716 OH/532 MO/484 PA/460 GA/427 TN/414 AL/393--9,500  
4866. 1953 -- malaria, one to three deaths in 16 States, 9 in Texas -- 33  
4867. 1953 -- measles, 23 states double digits, esp. TX/56 MO/27 CA/25 AR/24 PA/21 AK/20--483  
4868. 1953 -- mumps (code 089) -- 46  
4869. 1953 -- polio, esp. CA/158; NY/119; MI/106; IL/104; OH/95; MN/90; FL/68 --1,450  
4870. 1953 -- rubella (German measles; code 086) -- 17  
4871. 1953 -- scarlet fever & streptococcal sore throat, esp. TX/23, MO/21, NY/20, PA/19--296  
4872. 1953 -- smallpox, Texas -- 1  
4873. 1953 -- tuberculosis/respiratory, esp. NY/1983, PA/1428, CA/1383, IL/1235, TX/948--17,954  
4874. 1953 -- typhoid fever, *Vital Statistics-Mortality 1953*; esp. TX/8 and AR/7 -- 53  
4875. 1953 -- typhus and other rickettsial diseases (codes 100-108), 14 States -- 30  
4876. 1953 -- whooping cough/pertussis, 11 states double digits, esp. TX/19 KY/18 OH/17 -- 271  
4877. 1953 -- Jan 7, Associated Air Transport (mil. charter) crash/turbulence, W of Fish Haven, ID--all 40  
4878. 1953 -- Jan 9-11, winter storms, snow/ice/sleet, Northeast, especially New England--32-35  
4879. 1953 -- Jan 13, USAF B-50D Superfortress spins down out-of-control ~Gridley, CA--all 12  
4880. 1953 -- Jan 16, USAF C54 approach crash, Harmon AFB, Stephenville NFLD, Can--13-14  
1953 -- Jan 25, Gallagher Nursing Home fire (careless smoking), Billings, MT -- 6  
4881. 1953 -- Jan 27, gas line leak explosion & fire, Jones Electric Co., other stores, Aiken, SC-10  
4882. 1953 -- Jan 28, USN PB4Y, in poor weather & visibility, flies into Black Peak, WA --all 10  
4883. 1953 -- Feb 01, USN P2 Neptune flies into mt., marginal weather, Okinawa, Japan--all 11  
4884. 1953 -- Feb 2, USAF B-29 Superfortress takeoff crash, Wheelus Field, Tripoli, Libya--15  
4885. 1953 -- Feb 12, fire, dynamite explosion, Hercules Powder Co., near Pinole, CA -- 12  
4886. 1953 -- Feb 14, National Air 470 structural failure, extreme turbulence, Gulf of MX off Mobile, AL-46  
4887. 1953 -- Mar 11, fire/smoke, Anheuser-Busch fermentation bldg. under construct., Newark NJ-13  
4888. 1953 -- Mar 13, tornado, northwest Haskell County to southern Knox County, TX -- 17  
4889. 1953 -- Mar 18, 10-eng. USAF Convair RB-36H flies into hilltop, Random Isl., NFL, Can.--all 23  
4890. 1953 -- Mar 18, USAF B-29 crash searching for USAF plane, St. George's Bay, NFL, Can--10  
4891. 1953 -- Mar 20, family of 10 killed in truck and car collision, near Washington, NJ-- 10

4892. 1953 -- Mar 20, Transocean Air 942 (military charter) approach crash, NE of Alvarado, CA--all 35
4893. 1953 -- Mar 22, USN PBM out of Naval Operating Base Trinidad missing N of Dom. Rep.--11
4894. 1953 -- Mar 27, 3 trains (2 passenger, 1 freight) involved in collision ~Conneaut OH, in PA--21
4895. 1953 -- Mar 29, fire, Littlefield Nursing Home, near Largo, FL<sup>114</sup> --33-35
- 1953 -- Mar 30, O'Brien coal mine coal-dust explosion/2, CO poisoning/3, Lovilia, IA--5
4896. 1953 -- Apr 16, aluminum dust explosion and fire, Haber Corporation, Chicago, IL-- 35
- 1953 -- Apr 18, windstorm and tornadoes, AR (1 death), AL (7), GA (1) -- 9
- 1953 -- Apr 20, Western Air Lines 636, San Francisco to Oakland, flies into SF Bay-- 8
4897. 1953 -- Apr 27-May 22, heavy rains / flooding, east TX and southwest LA, esp. LA-- 12
- 1953 -- Apr 29, lightning hits oil tank, explosion, nearby homes catch fire, Kilgore, TX--5
4898. 1953 -- Apr 29, US Air Force B-29 in-flight fire and crash, near San Antonio, TX -- 10
4899. 1953 -- Apr 30, tornadoes, especially Warner Robins area, GA --20-21
4900. 1953 -- May 01-02 tornadoes, especially AL (9 deaths, May 1), TN (4 deaths, May 2)--13
4901. 1953 -- May 10, tornado outbreak, especially MN (8 deaths) and WI (4 deaths) -- 12
4902. 1953 -- May 11, freight *Henry Steinbrenner* sinks, Lake Superior storm, ~Isle Royale, MI- 17
4903. 1953 -- May 11, tornadoes, Tom Green and McLennan Counties (Waco/114), TX -- 127
4904. 1953 -- May 17, Delta Airlines 318 flies into severe turbulence/crashes ~Marshall TX--19
- 1953 -- May 29, speeding car and 10-ton power shovel collide, South China, ME -- 6
- 1953 -- May 30, passing passenger car collides with taxi headon near Selma, AL -- 5
4905. 1953 -- June 07, tornado, Madsen farm near Arcadia, Nebraska --10-11
4906. 1953 -- June 08, Floyd River flood, Sioux City, IA -- 14
4907. 1953 -- June 08, tornadoes, MI/125 (especially Flint/115), OH/18 -- 143
4908. 1953 -- June 9, F4 tornado; Worcester/60, Holden/9, Shrewsbury/12, Westborough/6, MA-- 94
4909. 1953 -- Jun 18, USAF Globemaster II crash (US mil.) ~Tachikawa AFB, Tokyo, Japan-129
4910. 1953 -- July 02, USN PBM-552 Mariner engine failure / crash, 25M off Adak, AK--all 12
4911. 1953 -- July 9, arson Rattlesnake Wildfire (firefighters killed), Mendocino Nat. Forest, CA--15
4912. 1953 -- July 10, USAF B29 airport approach crash, 7M ~Hunter AFB, Savannah GA--all 10
4913. 1953 -- July 10, USAF C47 & Norwegian AF jet collide ~Stavanger-Sola AP, Norway--10
4914. 1953 -- July 12, Transocean Air Flight 512 crash, Pacific Ocean, Wake Isl. to HI -- 58
4915. 1953 -- July 17, USN R4Q plane (with NROTC) takeoff crash/fire, near Milton, FL-- 44
4916. 1953 -- July 29, USAF RB-50 (Yokota Air Base, Japan) shot down by USSR, Sea of Japan-16
4917. 1953 -- July 30, USN PBM Mariner engine fire/ditched 60M W of Badoc Philippines--10
4918. 1953 -- Aug 01, two cars collide/side-swipe in downpour, US 10 near Randall, MN--all 10
4919. 1953 -- Aug 5, USAF Peacemaker engine fires/ditched, Atlantic ~420M NW Prestwick Scotland--19
4920. 1953 -- Sep 01, Regina Cargo Airlines (military contract) flies into mt. ridge ~Vail, WA--21
4921. 1953 -- Sep 02, drownings, Army pontoon raft capsizes, Smith Lake, Fort Bragg, NC-- 20
4922. 1953 -- Sep 07, fire, Spector Realty Co. tenement building, State St., Chicago, IL -- 18
4923. 1953 -- Sep 16, American Air 723, AP approach, hits towers in fog, Albany NY --all 28
- 1953 -- Sep 18, USAF WB29 weather recon plane lost out of Kindley AFB, Bermuda-- 7
4924. 1953 -- Sep 23, explosions (4), Lucidol organic peroxides plant, Tonawanda, NY -- 11
4925. 1953 -- Sep 28, Resort Airlines 1081 airport landing crash, near Louisville, KY -- 25
- 1953 -- Oct 09, car/motorcycle collide, US 285, 37 miles north of Roswell, NM -- 5
4926. 1953 -- Oct 16, carrier USS *Leyte* explosion/fire, Charleston Naval Yard, Boston MA--37
4927. 1953 -- Oct 29, British Commonwealth Pacific Air 304 S.F. approach crash in fog ~Half Moon Bay, CA-19
4928. 1953 -- Nov 10 USN PBM plane crash, sea ~Che Ju Isl. 40M SW of Jindo, So Korea--14-15

<sup>114</sup> 32 patients and a nurse died in the fire. A patient on way to a hospital and car driver were killed in an accident.

4929. 1953 -- Nov 12-23, smog, New York City --150-260
4930. 1953 -- Nov 17, USAF C-119F loses engine, hits paratroopers, crashes, Fort Bragg NC-15
4931. 1953 -- Dec 05, tornado, F4, Warren County, especially Vicksburg, MS -- 38
- 1953 -- Dec 11, USAF Consolidated B-36 CF flies into Mt. Franklin ~El Paso, TX-- all 9
4932. 1953 -- Dec 17, USAF B-29 takeoff engine loss, crash into housing, Anderson AFB, Guam-19
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4933. 1954 -- chickenpox (varicella); code 087, International List 6<sup>th</sup> Revision, 1948 -- 120
4934. 1954 -- diphtheria, esp. GA/24, SC/16, AL/14, FL/10, (only double digit states) -- 145
4935. 1954 -- dysentery, infectious, all forms (codes 045-048), esp. TX/172 and MS/61 -- 655
4936. 1954 -- encephalitis, acute infectious (viral); esp. NY/52 PA/31 MI/27 TX/26 -- 407
4937. 1954 -- influenza, esp. TX/228 AL/180 GA/162 PA/154 OH/143 TN/120 --2,696
4938. 1954 -- malaria, one to three deaths each in 17 States -- 24
4939. 1954 -- measles, 21 states double digits, esp. NY/36, TX/36, NC/35, PA/34, KY/27-- 524
4940. 1954 -- mumps (code 089, International List, 6<sup>th</sup> Revision, 1948) -- 45
4941. 1954 -- polio, acute; esp. TX/138 & CA/119; 33 other states double digit deaths --1,389
4942. 1954 -- scarlet fever/streptococcal sore throat, esp. TX/19, NY/18, PA/17, WI/15 -- 263
4943. 1954 -- scurvy/ascorbic acid deficiency, code 282, International Lists 6<sup>th</sup> Rev., 1948-- 14
4944. 1954 -- tuberculosis (respiratory), esp. NY/1667, CA/1108, PA/1100, IL/939, TX/843 --15,146
4945. 1954 -- typhoid fever, Public Health Svc., *Vital Statistics-Mortality 1954*; esp. TX/6 -- 45
4946. 1954 -- typhus and other rickettsial diseases, 15 States -- 20
4947. 1954 -- whooping cough/pertussis, 17 states double digits, esp. SC/29 KY/TX/24 MS/23-- 375
4948. 1954 -- cold, exposure to excessive natural (US PHS *Vital Statistics -Mortality*) -- 230
4949. 1954 -- heat (esp. July), esp. MO/235, OK/178, KS/139, TX/95, IL/50, GA/39 --978-984
4950. 1954 -- hunger, thirst, and exposure (International List code E933, 6<sup>th</sup> Rev., 1948) -- 238
4951. 1954 -- Jan 04, USN P2V Neptune engine trouble and crash, Yellow Sea, off S. Korea--10
- 1954 -- Jan 04, fire, residential home, 5 children die, Oglethorpe, GA -- 5
- 1954 -- Jan 04, fire, home oil space heater explodes, Old Orchard Beach, ME -- 5
4952. 1954 -- Jan 10, Union Producing Co. duck hunting plane icing crash, no. shore Wallace Lake LA--12
- 1954 -- Jan 21, stove explodes/home burns/mother/4 children die, Gordon, NE -- 5
4953. 1954 -- Feb 01, USAF C-46 in-flight fire & crash, Tsugaru Strait, off Hokkaido Japan--all 35
4954. 1954 -- Feb 05, USAF C-47 explodes in-flight, Susitna Valley, 20M from Curry, AK-- 10
- 1954 -- Feb 26, Western Air Lines flight 34 turbulent weather crash ~Wright, WY-- all 9
4955. 1954 -- Mar 01-04, Ohio snow storms/winter weather, esp. Cleveland, OH --23-24
4956. 1954 -- Mar 04, USAF C47 flies into mountain in snowstorm ~St.-Étienne-de-Tinée France-- 20
4957. 1954 -- Mar 19, USAF C-119 fire after takeoff and crash, near Lothian, MD --all 18
- 1954 -- Mar 19, kerosene explodes in home woodstove, Spider Ridge ~Parkersburg WV--9
4958. 1954 -- Mar 31, fire, Cleveland Hill Elementary School, Cheektowaga, NY -- 15
- 1954 -- Apr 03, fire, mother and six children perish, farm house near Tuttle, ND -- 7
- 1954 -- Apr 03, kerosene poured in home stove explodes, home burns,, Glouster, OH-- 6
- 1954 -- Apr 10, kerosene splashed on home stove live coals explodes/fire, Columbia AL--7
4959. 1954 -- May 5, off-course USN PBM-5 seaplane crash, Sidewalk Mt. ~Carricitos, MX--10
4960. 1954 -- May 7, USN P2V5 Neptune takeoff crash off Clifton Pier, Nassau, Bahamas--all 10
4961. 1954 -- May 26, U.S. carrier *Bennington* explosions and fire off Quonset Point, RI-- 103
4962. 1954 -- May 31, USAF C47/MN ANG AP approach crash, gravel pit/heavy fog, Duluth IAP, MN--11
4963. 1954 -- June 07, two-car collision, Rt. 416/MD 4, Lyons Creek, Calvert County, MD-- 10
4964. 1954 -- June 09, USN PBM Mariner crash, Yakushima Island mt. peak, SW Japan--all 17



4965. 1954 -- June 25-26, Hurricane Alice hits so. of Brownsville; flash flooding, Ozona, TX/19--21  
4966. 1954 -- June 27, USAF KC-97G Stratotanker flies into Box Springs Mountain, CA-- 14  
4967. 1954 -- July 16, explos./fire/explos., Kent Defense & Fireworks Mfg., Chestertown MD--11  
4968. 1954 -- July 31, car loses brakes, hits cliff and burns, Pine Mountain, KY -- 11  
4969. 1954 -- Aug 22, Braniff Airways flight 152 crash in thunderstorm, S. of Mason City, IA--12  
4970. 1954 -- Aug 23, NY-Amsterdam KLM crash, North Sea after Shannon AP stop--12 US of 21  
1954 -- Aug 23, home fire (children), wrong-size fuses/defective wiring, Waterville, ME--5  
4971. 1954 -- Aug 27, USAF RB-36 landing approach crash 2M ~Ellsworth AFB, Rapid City, SD--26  
4972. 1954 -- Aug 30-31, Hurricane Carol, esp. New England, esp. MA/33, RI/17, ME/NH/3-65-68  
1954 -- Aug 31, fishing vessel *Redstart* founders in Hurricane Carol ~Davis South Shoal, MA--all 11  
4973. 1954 -- Sep 4, Soviet Migs shoot down USN P2V Neptune off Hokkaido, Sea of Japan--10  
4974. 1954 -- Sep 5, KLM Royal Dutch Airlines takeoff crash, Shannon Airport, Ireland--12US of 28  
4975. 1954 -- Sep 11, Hurricane Edna, northeast, esp. New Eng., ME/8, MA/4, NY/6, RI/2-- 21  
4976. 1954 -- Sep 28, USN PB-5 Marlin takeoff crash, Sangley Point NAS, Philippines --all 12  
4977. 1954 -- Oct 06, USAF RB-50G plane crash and fire, near Willows, Glenn County, CA-13  
4978. 1954 -- Oct 06-7, "heaviest rains in years," Pecos Valley flooding/flash flooding, NM--13  
4979. 1954 -- Oct 07, SS *Mormackite* founders in rough seas off the Virginia Capes, VA-- 37  
4980. 1954 -- Oct 15-16, Hurricane Hazel, esp. PA/26 NY/21 NC/19 VA/13 MD/11 NJ-103-108  
4981. 1954 -- Oct 24, USAF C47A transport, Rome to Lyon, flies into Maritime Alps, Italy--21  
4982. 1954 -- Oct 28, fumes/chemical tank explodes, Charles W. Berg Labs, Philadelphia, PA--10  
4983. 1954 -- Oct 30/31, USN Lockheed R7V transport plane disappears off Ocean City, MD--42  
4984. 1954 -- Nov 07, faulty gas water heater CO fumes kill family (8) and guests (2), NYC--10  
4985. 1954 -- Nov 13, Jamison Coal Co. Mine No. 9 gas & dust explosion, Farmington, WV--16  
4986. 1954 -- Dec ~5, storm, bulk carrier M/V *Southern Districts* founders off FL/SC/NC --all 23  
4987. 1954 -- Dec 18, Italian Airlines 451 airport approach (4<sup>th</sup>) crash, Idlewild IAP, NY-- 26  
4988. 1954 -- Dec 22, Johnson Flying Svc. (mil. charter) out of fuel/ditches/Monongahela Riv. ~Pittsburgh--10  
4989. 1954 -- Dec 24, kerosene thrown in stove, explos./fire, tenant farmhouse ~Parkin, AR--13  
4990. 1954 -- Dec 28-31, winter snow/ice storms and arctic cold, southwest to northeast --48-52  
1954 -- Dec 29, USAF C119 rear-door fails/plane crash, Shin Point ~New Hope, AL-- 9
4991. 1955 -- chickenpox (varicella) -- 88  
4992. 1955 -- diphtheria, especially AL/25, GA/18, TX/13, SC/11 (only double digit states)-150  
4993. 1955 -- influenza, esp. OH/187 AL/183 GA/181 TX/169 PA/154 TN/136 MS/106 --2,755  
4994. 1955 -- malaria, deaths in 11 States -- 18  
4995. 1955 -- measles, 7 states double digits, esp. TX/35, CA/30, NY/28, AZ/25, NM/23-- 345  
4996. 1955 -- mumps -- 43  
4997. 1955 -- polio (acute); all States, esp. MA/168 (Boston ~200), WI/166 NY/77 TX/76--1,043  
4998. 1955 -- rubella (German measles) -- 8  
4999. 1955 -- scarlet fever/streptococcal sore throat, esp. NY/21, OH/12, MO/11, TX/11-- 235  
5000. 1955 -- tuberculosis (respiratory), esp. NY/1642, PA/1239, CA/1076, IL/797, TX/736--13,676  
5001. 1955 -- typhoid fever, US Public Health Service, *Vital Statistics-Mortality 1955* -- 34  
5002. 1955 -- typhus & other rickettsial diseases, AL CO GA IN LA MD NJ NC SC TX VA- 15  
5003. 1955 -- whooping cough/pertussis, 15 states in double digit, esp. TX/59, MS/34, NC/31--476  
5004. 1955 -- cold, excessive natural (US PHS *Vital Statistics-Mortality*, E932) -- 344  
5005. 1955 -- heat, excessive natural (US Public Health Service code E931) -- 615  
5006. 1955 -- hunger, thirst and exposure (US Public Health Service code E933) -- 273

5007. 1955 -- Jan 12, TWA #694 & Castleton, Inc. DC-3 planes collide, Covington, KY --all 15
5008. 1955 -- Jan 13~, New Bedford, MA scalloper *Doris Gertrude* lost off New Eng. coast--11
5009. 1955 -- Jan 17, USN C121 Super Constellation 2 engines out, crash off Stephenville NL CA- 13  
1955 -- Jan 31, home oil stove fire (mother and children), Lakeview, GA -- 5
5010. 1955 -- Feb 01, oil stove fire (11 children), tenement, Schuyler St., Amsterdam, NY-- 12  
1955 -- Feb 01, home fire, all children, Chuckatuck, VA -- 6
5011. 1955 -- Feb 1, tornadoes/strong winds, Commerce Landing school/20 & Lewisburg/3, NW MS-23
5012. 1955 -- Feb 12, Barton Hotel fire, sub-zero temp., "skid row," W Madison, Chicago, IL-29
5013. 1955 -- Feb 17, USN P-2 Neptune hits Mt. Susitna on Elmendorf AFB approach, AK--all 11
5014. 1955 -- Feb 19, off course TWA # 260 flies into Sandia Mt., ~Albuquerque, NM --all 16  
1955 -- Feb 23, USAF KC-97 tanker engine fire after takeoff, crashes ~Windsor, MO-- 9
5015. 1955 -- Feb 26-Mar 6, heavy rains, Ohio River basin flooding, esp. KY, OH, IN, WV--15
5016. 1955 -- Mar 06, USAF C-54 flies into mountain side and burns, ~Taitung, Taiwan--all 14
5017. 1955 -- Mar 20, American Airlines #711 airport approach crash, Springfield, MO -- 13
5018. 1955 -- Mar 22, USN R6D-1 flies into Waianae Range ~Lualualei Navy Depot, HI--all 66
5019. 1955 -- Apr 28, USAF B29 Superfortress flies into cloud-shrouded hill ~Naha AFB Okinawa--10
5020. 1955 -- May 25, USAF B-36J breaks-up in severe thunder storm ~Sterling City, TX--all 15
5021. 1955 -- May 25, KS/OK tornadoes, esp. Udall/77, Cheyenne/5, KS; Blackwell, OK/20--104
5022. 1955 -- June 10, USAF B29 Superfortress flies into Mt. Teckberg in fog ~Owen, FRG-- 10
5023. 1955 -- June 29, USAF C-47 transport plane hits Sitkinak Island mt. peak, AK --all 10
5024. 1955 -- July 13, USAF KC-97 tanker fire after takeoff and crash near Cressy, CA --all 10
5025. 1955 -- July 17, Braniff Air 560 hits sign on approach/crashes, Chicago-Midway, IL-- 22
5026. 1955 -- Aug 04, American Air Flight 476 engine fire/crash, Fort Leonard Wood, MO-- 30
5027. 1955 -- Aug 10, explosion (sewer gas?) and fire, Gateway Restaurant, Andover, OH-- 22
5028. 1955 -- Aug 11, two USAF C-119 Flying Boxcars collide over Edelweiler, Germany-- 66  
--19 Registration No. 53-3222  
--47 Registration No. 53-7841
5029. 1955 -- Aug 11-13, Hurricane Connie, esp. NC/2, VA/2, DC/4, MD/14, PA/9, NY/12--43  
Aug 12, schooner *Levin J. Marvel* founders, Chesapeake Bay ~Fairhaven MD-14
5030. 1955 -- Aug 18-19, Hurricane Diane flooding, esp. PA/~100, CT/87, MA/13, NJ --211-229
5031. 1955 -- Aug 22, school bus hit by train at rail crossing, Spring City, TN -- 11  
1955 -- Aug 23, engine fire after takeoff, USAF C119 crash into homes, Charleston SC- 9
5032. 1955 -- Aug 31-Sep 09, heatwave/excessive deaths, greater Los Angeles, CA<sup>115</sup>--115-946
5033. 1955 -- Sep 1, USAF C-47 crash/burned, emergency landing attempt, Skwentna, AK--all 12  
1955 -- Sep 02, Hacienda fire, 5 youths, fire Cpt., arson brush fire, Puente Hills CA-- 6
5034. 1955 -- Sep 8, USAF B29 Superfortress crash, ocean so. of Ishigaki Island, Okinawa, Japan-13
5035. 1955 -- Sep 24, five USAF planes crash (11 deaths), one Flying Tiger Line crash (3)-- 14  
--7 USAF SC-47D near Burns WY  
--1 USAF F-84F Thunderstreak #51-17083, 22M E of Langley AFB, Hampton, VA  
--1 USAF F-84F Thunderstreak #52-6517, 5M NE, Langley AFB, Hampton, VA.  
--1 USAF F-84F Thunderstreak #52-7029, Chesapeake Bay off Langley AFB, VA.  
--1 USAF F-84F Thunderstreak #52-7038, 25M NE Langley AFB, Hampton, VA.

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<sup>115</sup> The figure 115 refers to reporting by LA Coroner's Office of deaths directly attributable to the heat. The larger number is undoubtedly a compilation of the daily "above-the-norm" deaths (compared to the previous year) reported by the Coroner. At the beginning of the heatwave it was dozens higher than the previous year. At the end it was hundreds. Some source (which the four sources we cite copy) has apparently compiled those figures to obtain 946.

- 3 Flying Tiger Line C-54A (military cargo contract), 1000M W of Honolulu, HI
5036. 1955 -- Sep 26, Guantanamo NAS USN P2V-3W Neptune hurricane chaser lost, Caribbean--11
5037. 1955 -- Oct 06, United Air Lines Flight 409 flies into Medicine Bow Peak, WY --all 66
5038. 1955 -- Nov 01, United 629 blown-up (relative of passenger bomb), Longmont, CO-- 44
5039. 1955 -- Nov 17, Peninsular Air Transport (mil. charter) takeoff crash, Seattle-Boeing Field, WA-28
5040. 1955 -- Nov 17, USAF DC-4 blown off course flies into top of Mt. Charleston, NV--all 14  
1955 -- Nov 18, truck drives into path of train at crossing near Newport, MI -- 9
5041. 1955 -- Nov 20, USAF C124 Globemaster II takeoff crash, Iwo Jima Air Base Japan-- 11
5042. 1955 -- Nov 28-29, lake-effect snow; Arctic cold; deaths in IL/2, NY/6, PA/4 -- 12
5043. 1955 -- Nov 29, USAF F-84 (1) takeoff malfunction into base housing/13, Eielson AFB, AK-14
5044. 1955 -- Dec 21, Eastern Air Lines 642 crash on approach to AP, Jacksonville, FL --all 17
5045. 1955 -- Dec 18-27, flooding/levee failure, north & cent. CA, esp. Yuba City; also OR--88-93
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5046. 1956 -- cold, exposure to excessive natural; PHS *Vital Statistics -Mortality, 1956* (E932)--254
5047. 1956 -- heat, exposure to excessive natural (US Public Health Service code E931) -- 174
5048. 1956 -- hunger, thirst, exposure (International List code E933, 6<sup>th</sup> Revision, 1948) -- 308
5049. 1956 -- chickenpox -- 116
5050. 1956 -- diphtheria, especially TX (19), the only state with double digit death toll -- 103
5051. 1956 -- influenza, esp. PA/139, TX/153, OH/134, AL/130, GA/109, MS/100, TN/96--2,323
5052. 1956 -- malaria -- 11
5053. 1956 -- measles, 21 states double digits, esp. IL/41 TX/31 OH/30 NC/29 PA/28, MI/26--530
5054. 1956 -- polio/acute, 15 states in double-digits, esp. TX/76 IL/71 CA/62 NY/29 WI/26--566
5055. 1956 -- scarlet fever/streptococcal sore throat, esp. TX/21, NY/14, OH/14, WV/12-- 240
5056. 1956 -- tuberculosis (respiratory), esp. NY/1,577, PA/1,029, CA/938, IL/763, TX--12,978
5057. 1956 -- typhoid fever, US PHS, *Vital Statistics-Mortality 1956*, esp. TX/6, CA/5, KY/5--54
5058. 1956 -- typhus and other rickettsial diseases, 12 States -- 19
5059. 1956 -- whooping cough/pertussis, 8 states double digit deaths esp. TX/44 MS/41 GA/36--266
5060. 1956 -- Jan 17, SS *Salem Maritime* explosion/fire, loading kerosene at Rose Bluff terminal, LA--21
5061. 1956 -- Jan 22, speeding Santa Fe RDC train overturns in curve, Redondo Jct., LA, CA--30
5062. 1956 -- Jan 29, Maryland Oyster Roast fire, Arundel Park Hall, Brooklyn, MD -- 11
5063. 1956 -- Feb 1-5, ice/snow/blizzard/cold, NM/3, TX/16-23, esp. north & central TX-19-26
5064. 1956 -- Feb 17, USN DC-4 flies into terrain, USN crew/5; USMC/35 ~Niles, CA --all 40
5065. 1956 -- Feb 27, USAF B-50 Superfortress crash, Wilmington Pike, Dayton OH --all 11
5066. 1956 -- Feb 28, speeding train hits stopped train in snow storm, Swampscott, MA -- 13
5067. 1956 -- Mar 2, USAF C124C Globemaster II/enroute US, engine prob., ditched off Iceland--all 17
5068. 1956 -- Mar 8, tar-papered Twyman home fire, wife/children/grand-children, Oxford PA--12
5069. 1956 -- Mar 16 & 18, snowstorms, 14 states, WV-OH, Northeast, New England --95-138
5070. 1956 -- Apr 01, TWA Flight 400 crash after takeoff from Greater Pittsburgh AP, PA-- 22
5071. 1956 -- Apr 3, MI tornadoes, especially Hudsonville/14, Standale/4, Benzie Co./2, MI--20  
1956 -- Apr 08, Marine recruits drown, night swamp march, Ribbon Creek, Parris Isl., SC--6
5072. 1956 -- Apr 15, tornado, Jefferson County, west and northwest Birmingham area, AL--25  
1956 -- May 15, Crane Co. PV1 loses left eng. power on AP approach, crashes ~Jeffersonville IN--8
5073. 1956 -- June 09, USN F9F-4 Panther (1) crashes into houses (10), Minneapolis, MN-- 11
5074. 1956 -- June 20, Linea Aeropostal Venezolana emer. landing approach fire/crash off NJ--all 74
5075. 1956 -- June 26, USAF KC-97 tanker fire/crash after takeoff, 10M ~Walker AFB, NM--all 11
5076. 1956 -- June 30, TWA Flight 2 & United Air #718 collide, Grand Canyon, AZ --all 128

--58 United Airlines Flight 718

--70 TWA flight 2

5077. 1956 -- July 13, USAF C-118A takeoff crash (2min), windshear, ~Brown's Mills, NJ--46  
5078. 1956 -- July 25, *Andrea Doria* and *Stockholm* collide, fog, off Nantucket Isl., MA<sup>116</sup>-- 51  
5079. 1956 -- July 29, fire/explosion, McKee tank farm, Shamrock Oil & Gas, ~Sun Ray, TX--19  
5080. 1956 -- July 30, Reagan Nursing Home fire (1 survivor), Puxico, MO -- 12  
5081. 1956 -- Aug 13, explosion, liquefied petroleum gas, Lariat Café, Monticello, UT -- 15  
5082. 1956 -- Aug 22, US Navy P4M-1Q from Iwakuni NAS, Japan, shot down 32M off Wenchow, China--16  
5083. 1956 -- Aug 29, Canadian Pacific Airlines fl. 307 approach crash, Cold Bay AP, AK-- 15  
5084. 1956 -- Aug 31, Eielson AFB AK WB-50 plane crash 50 miles north of Anchorage--all 11  
5085. 1956 -- Sep 05, switching error, Santa Fe Express trains collide, near Robinson, NM-- 20  
5086. 1956 -- Sep 10 Yokota AB USAF RB50 lost tracking Typhoon Emma, Sea of Japan-- 16  
5087. 1956 -- Sep 24, USAF C-47 plane crash, Mount Yale, near Buena Vista, CO -- 12  
5088. 1956 -- Sep 24-26, Hurricane Flossy, coastal LA/MS/AL, NW FL, inland GA, NC--15-16  
5089. 1956 -- Oct 03, building collapse (under const.), Consumers Power Co., Jackson, MI-- 10  
5090. 1956 -- Oct 03, two automobiles collide head-on near Muncie, IN -- 10  
5091. 1956 -- Oct 10, USN MATS plane, 1<sup>st</sup> leg UK to Azores, lost ~250M SE Land's End, Eng.-- 59  
5092. 1956 -- Nov 09, USN P5M Marlin seaplane lost north of Bermuda, possibly off MD--all 10  
5093. 1956 -- Nov 25, Inaja wildland fire, firefighters trapped, Cleveland National Forest, CA--11  
5094. 1956 -- Nov 30, USAF B-52 plane crash after Castle AFB takeoff near Merced CA--all 10  
5095. 1956 -- Dec 03, Luckenbach Steamship Co. pier fire/detonators explode, Brooklyn NY--10  
5096. 1956 -- Dec 14-15, snow, sleet and ice storm, Northeast/New England, esp. NY --17-21  
5097. 1956 -- Dec 16, car hits train at RR crossing, inebriated driver, SW Phoenix, AZ -- 12  
1956 -- Dec 23, fire, Xmas tree wiring short circuit, Doctors' Hosp., Minneapolis, MN--7  
5098. 1956 -- Dec 28, USAF B-50 weather recon. crash, Yokota AB approach, Japan(9US)-- 10
5099. 1957 -- chickenpox -- 113  
5100. 1957 -- cold, exposure to excessive natural; USPHS *Vital Statistics...1957* (E932) -- 248  
5101. 1957 -- diphtheria, especially TX (11), GA (8), AL (6), FL and NY (5) -- 81  
5102. 1957 -- heat, excessive natural (US Public Health Service, Int. Lists code E931) -- 280  
5103. 1957 -- hunger, thirst, and exposure (Int. Lists code E933, 6<sup>th</sup> Revision, 1948) -- 333  
5104. 1957 -- influenza, especially PA/476, NY/471, TX/459, OH/437. GA/341, NC/318 --7,463  
5105. 1957 -- malaria -- 14  
5106. 1957 -- measles, esp. CA/37, TX/32, MI/22, GA/20, AL/AZ/NM/15, MN & TN/14-- 389  
5107. 1957 -- polio, acute; double digit states: CA/22, IL/17, IN/11, MI/14, OH/13, TX/38--221  
5108. 1957 -- scarlet fever/streptococcal sore throat, esp. TX/15 MO/14, NY/13, OH & PA/12--213  
5109. 1957 -- tuberculosis (respiratory), esp. NY/1493, PA/959, CA/833, TX/733, IL/673--12,384  
5110. 1957 -- typhoid fever, US PHS, *Vital Statistics-Mortality 1957*, esp. TX (6) -- 34  
5111. 1957 -- typhus and other rickettsial diseases -- 26  
5112. 1957 -- whooping cough/pertussis, esp. TX/25, SC/18, MS/14, KY & PA/13, NC/12--183  
5113. 1957 -- Jan 14-17, winter snowstorms, cold, especially Upper Midwest, Northeast --37-65  
5114. 1957 -- Jan 17, USAF Weather B-50 plane crash after takeoff ~Eielson AFB, AK --all 12  
5115. 1957 -- Jan 22, F4 tornado, Gans (Sequoyah County), OK -- 10  
5116. 1957 -- Jan 24, fire, M. Baer Dress Co. Garment Factory, New Haven, CT -- 15

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<sup>116</sup> The *Andrea Doria* was an Italian liner and the *Stockholm* was Swedish. Noted herein because the collision occurred in U.S. waters. 46 passengers died on the *Andrea Doria* and 5 sleeping crewmen died on the *Stockholm*.

5117. 1957 -- Jan 27-Feb 02, heavy rain/flooding, southeast KY, east TN, SW VA, WV --13-14
5118. 1957 -- Jan 29, tanker SS *Jeanny* vapor explosions, Todds Shipyard, Alameda, CA-- 10  
 1957 -- Jan 31, DC-7 & USAF Scorpion fighter collide, debris hits school, Sunland, CA--8
5119. 1957 -- Feb 01, Northeast Airlines Flight 823 crashes after takeoff, Rikers Island, NY--20
5120. 1957 -- Feb 2, two USAF KB-29P tankers collide, poor visibility, trng. mis. Morigny, France--13
5121. 1957 -- Feb 04, Pocahontas Fuel Co. coal mine No. 34 gas explosion, Bishop, VA/WV--37
5122. 1957 -- Feb 13, Council Bluffs Convalescent Home fire, Council Bluffs, IA --16-17
5123. 1957 -- Feb 17, Katie Jane Nursing Home fire, Warrington, MO -- 72
5124. 1957 -- Feb 22, USAF C-124A transport engine explodes after takeoff/crash lands ~Yanggong-ni S. Korea--22
5125. 1957 -- Mar 6, USN tanker *Mission San Francisco* & *Elna II* collide, explosion, Delaware Riv. DE--10
5126. 1957 -- Mar 22, USAF MATS C-97C, Travis AFB CA to Tokyo, lost ~200M from Tokyo-- 67
5127. 1957 -- Apr-June, storms/flooding, south and central states esp. MO/10 OK/10 TX/21--52
5128. 1957 -- Apr 2, USN Neptune explodes after Chincoteague NAS takeoff ~Atlantic VA--11
5129. 1957 -- Apr 02, tornado, Dallas County, TX -- 10  
 1957 -- Apr 12, US Navy Neptune P2V-5 bomber touch & go crash, Brunswick, ME-- 6
5130. 1957 -- May 15, tornadoes, Lockney, Floyd County/1; Silverton, Briscoe Co./20, TX-- 21
5131. 1957 -- May 20, tornado, KS/6 & KC MO suburbs/33, esp. Hickman Mills-Ruskin Heights--39-44
5132. 1957 -- May 21, tornadoes, especially Desloge/7, Fremont/6, Van Buren/1, MO --14-15
5133. 1957 -- May 25, two-car collision kills two families, IL Hwy. 116 near Benson, IL-- 11
5134. 1957 -- June 06, tractor-trailer and migrant labor truck collide/burn ~Fayetteville, NC--21
5135. 1957 -- June 11, train hits farm worker truck at railroad crossing, Vroman, CO -- 12
5136. 1957 -- June 13, US Army truck skids into Piney Ford Creek, Fort Campbell, KY -- 14
5137. 1957 -- June 20, supercell thunderstorm, tornadoes, Fargo, ND F5 (12), SD (1) -- 13
5138. 1957 -- June 26-28, Hurricane Audrey, SW LA/526; also TX, IL, IN, NY, Can. --545-550
5139. 1957 -- July 16, USAF C47 crash, Mt. Cha Tien near Hsinchu Taiwan --all 16
5140. 1957 -- July 19, Willow Grove NAS, PA, Neptune crash, San Martino Mt., no. Italy<sup>117</sup>-11
5141. 1957 -- July 23, USN P-2 Neptune stalls/crashes off Barbers Point Naval Air Sta., HI-- 10
5142. 1957 -- Sep 15, Northeast Air #285 ILS airport approach crash, New Bedford, MA-- 12
5143. 1957 -- Oct 29, USAF KC-97G Stratofreighter crash, Grey Mt. near Flagstaff, AZ --all 16
5144. 1957 -- Nov 07, tornado outbreak, LA (8-9), MS (2), TX (3) --13-14
5145. 1957 -- Nov 09, Pan Am #7 plane lost between San Francisco and Honolulu, HI --all 44
5146. 1957 -- Nov 16, fire, tenement (ex-Moonglow Hotel), Allen Ave., Niagara Falls, NY-- 18  
 1957 -- Dec 02, overheated stove home fire, expectant mother, 7 children, Westor, AR--8
5147. 1957 -- Dec 3-5, snowstorms, IN to Northeast, East Coast-New England, esp. PA (11) --32-33
5148. 1957 -- Dec 05, natural gas explosion/fire, five downtown businesses, Villa Rica, GA--12  
 1957 -- Dec 9, USN P5M Marlin Seaplane engine explosion/crash ~Corpus Christi, TX-- 9
5149. 1957 -- Dec 18, tornadoes, Murphysboro/10, Mt. Vernon/Sand Ridge/Sunfield/1 each, IL--13
5150. 1957 -- Dec 23, USN WV-2 simulation goes awry/crash, off Kahuku Pt., Oahu, HI-- 19
5151. 1957 -- Dec 27, Pocahontas Fuel Co. coal mine 31 methane gas explos., McDowell Co., WV<sup>118</sup>-- 11
5152. 1957-58, esp. fall-spring – H2N2 “Asian” influenza and pneumonia pandemic --~116,000
5153. 1958 -- chickenpox (varicella) -- 146

<sup>117</sup> Nine other U.S. service-men lost their lives in a search and rescue mission when their plane crashed.

<sup>118</sup> The explosion was near Amonate VA, near WV border. West Virginia Department of Mines investigated in that the shaft where coal was taken out (as well as bodies of victims) was in West Virginia.

5154. 1958 -- diphtheria, especially GA (9), TX (8) and MS (6) -- 74
5155. 1958 -- influenza, esp. TX/415, AL/275, OH/260, TN/230, GA/206, MS/199, PA/199--4,442
5156. 1958 -- measles, esp. TX/50, OH/36, IL/34, NY/NC/PA/28 each, KY, 23, IN/20 -- 552
5157. 1958 -- mumps, U.S. Public Health Service, *Vital Statistics-Mortality 1958*, P. 41 -- 37
5158. 1958 -- polio (acute), esp. MI/36, OH/20, TX/20, CA/13, MO/12, IL/NY/PA/WV/11 each--255
5159. 1958 -- scarlet fever and streptococcal sore throat, especially TX (12) and KY (10)-- 138
5160. 1958 -- tuberculosis, esp. NY/1,380, PA/1013, CA/872, IL/725, TX/721, OH/550--12,361
5161. 1958 -- typhoid fever/23, U.S. Public Health Service, *Vital Statistics-Mortality 1958*-- 23
5162. 1958 -- whooping cough/pertussis), especially children, esp. TX/24 CA/15 SC/15 KY/13--177
5163. 1958 -- cold, exposure to excessive natural; USPHS *Vital Statistics -Mortality*, p111--307
5164. 1958 -- heat, excessive natural; Public Health Service *Vital Statistics-Mortality 1958*-- 137
5165. 1958 -- Jan 7-8, winter storm, snow/sleet/ice/high wind/cold) Northeast, esp. CT/9--33-35
5166. 1958 -- Jan 15, USAF Typhoon Ophelia recon. plane out of Anderson AFB, Guam, lost at sea-- all 10
- 1958 -- Jan 16, gas explosion, Merchants Ice and Cold Storage Co., Richmond, VA-- 7
5167. 1958 -- Jan 21-29, Starkweather shooting spree, 9 in Nebraska, 1 in Wyoming -- 10
- 1958 -- Jan 27, fire & suffocation deaths, Olympia Hotel, Walnut St., Des Moines, IA-- 5
5168. 1958 -- Feb 01, USAF C-118A/all 41 & USN P2V-5F/6 planes collide, Norwalk, CA--48
5169. 1958 -- Feb 6-19, coldwave/snowstorms, east half US, esp. NY/61, OH/34, PA/31--256-284
- 1958 -- Feb 10, car on dead-end street goes in Portneuf Riv., teens drown, Pocatello, ID--5
- 1958 -- Feb 12, auto/5 and bus collide headon on foggy highway 501 ~Conway SC-- 5
5170. 1958 -- Feb 15, USAF C-47 transport plane crashes in fog on Mt. Vesuvius, Italy --all 16
5171. 1958 -- Feb 17, duplex fire, including 11 children in two families, Atlanta, GA -- 12
5172. 1958 -- Feb 20, USN WV2 early warning plane lost ~100M west of the Azores --all 22
5173. 1958 -- Feb 22-Mar 04, bootleg wood alcohol poisonings, mostly Spanish Harlem, NYC--27
5174. 1958 -- Feb 26, tornadoes, 5 counties, esp. Farmhaven, Madison Co./6, south & cent. MS-13
5175. 1958 -- Feb 28, school bus hits wrecker, goes in Levisa Fork riv. ~Prestonsburg, KY-- 27
5176. 1958 -- Mar 07, USMC transport & Skyraider planes collide off Naha NAB, Okinawa--26
5177. 1958 -- Mar 19, fire and floor collapse, Monarch Underwear Co., NYC, NY -- 24
5178. 1958 -- Mar 19-22 snowstorm, VA, MD, NJ, NY, New England, esp. SE PA (27) --49-55
5179. 1958 -- Mar 27, USAF C-119 & USAF C-124C collide mid-air, ~Bridgeport, TX --all 18
- 1958 -- Apr 04, car of teen-agers hits Greyhound bus, State Hwy 226 ~Creswell, OR-- 5
5180. 1958 -- Apr 05, home fire (coal gas fumes), Porter Township, near Jersey Shore, PA-- 10
5181. 1958 -- Apr 06, Capital Airlines Flight 67 approach crash, near Freeland, MI -- 47
5182. 1958 -- Apr 21, United #736 and a USAF F-100 fighter collide near Las Vegas, NV-- 49
5183. 1958 -- May 20, MD Air NG T-33 hits Capital Air Viscount (11) ~Brunswick, MD-- 12
5184. 1958 -- May 22, US Army Nike-Ajax missile explosion, Battery B ~Middleton, NJ-- 10
5185. 1958 -- June 04, tornadoes, esp. Colfax/15, Chippewa Falls/2, Fall Creek-Wien/4, WI--28
5186. 1958 -- June 10, tornado, F4, El Dorado, Butler County, KS --13-15
5187. 1958 -- June 16, migrant farm worker truck fire (spilled gasoline), Soledad, CA -- 14
5188. 1958 -- June 27, USAF KC-135 tanker crash after takeoff near Westover AFB, MA-- 15
5189. 1958 -- July 2-7, heavy rain and flash flooding esp. East Nishnabotna River, Iowa--18-19
- 1958 -- July 10, tsunami (quake), southeast Alaska, esp. Lituya Bay & Khantaak Isl., AK--5
- 1958 -- July 29, USAF B-52 goes out of control on AP approach, crashes 3M from Loring AFB, ME--8
5190. 1958 -- Aug 7, fog, tankers *Gulfoil* (18) & *S.E. Graham* collide/burn off Bull Point, RI--18
5191. 1958 -- Aug 15, Northeast Air Flight 258 crash on AP approach in fog, Nantucket, MA--25
5192. 1958 -- Sep 02, USAF C130A shot-down by MiGs over Sasnashen, Armenia, USSR--all 17

5193. 1958 -- Sep 02, USAF Douglas C-124 plane fire/crash, 35m west, Agana NAS, Guam--all 19  
5194. 1958 -- Sep 08, USAF B-52s collide on Fairchild AFB approach ~Airway Heights, WA--13  
5195. 1958 -- Sep 09, USAF Douglas C47 plane crash taking off, Elmendorf AFB, Anchorage, AK-13  
5196. 1958 -- Sep 15, train derails into water through open span of Newark Bay Bridge, NJ-- 48  
1958 -- Sep 16, USAF B52 tail separation and plane crash, South St. Paul, MN -- 7  
5197. 1958 -- Sep 29, USN Neptune P2V patrol plane crash, 22M north of Key West, FL--all 10  
5198. 1958 -- Oct 09, USAF C-123B transport crash near Little Willow Creek & Payette, ID--19  
5199. 1958 -- Oct 18, USN *Constellation* plane crash on approach ~Argentia, Newfoundland, Can.-11  
5200. 1958 -- Oct 27, Pocahontas Fuel Co. Mine No. 34 methane gas explosion, Bishop, WV--22  
5201. 1958 -- Oct 28, Oglebay Norton's Burton coal mine gas explosion, ~Craigsville, WV-- 14  
5202. 1958 -- Nov 12, USAF KC-97 tanker loses engine at takeoff, crashes Isle of Hope, GA--all 11  
5203. 1958 -- Nov 18, freighter *Carl D. Bradley* sinks, Lake Mich. storm, ~Gull Island, MI-- 33  
1958 -- Nov 27, fire, Mary Flake Home for Handicapped Children, Warr Acres, OK-- 5  
5204. 1958 -- Dec 01, fire, Our Lady of Angels Elementary School, Chicago, IL -- 95  
1958 -- Dec 15 Johnson & Johnson Learstar crash, 5 miles SW of Woonsocket, RI-- all 7  
5205. 1958 -- Dec 22, USAF C-54 transport from Elmendorf AFB crashes, Mt. Iliamna, AK-15
5206. 1959 -- chickenpox -- 141  
5207. 1959 -- cold, excessive natural cold, *Vital Statistics 1959* (Int. Lists code E 932) -- 242  
5208. 1959 -- diphtheria, especially AL (9), LA (7), TX (7), SC (6), FL (5) -- 72  
5209. 1959 -- heat. exposure to excessive natural (US Public Health Service code E931) -- 267  
5210. 1959 -- influenza,<sup>119</sup> esp. TX/191 TN/133 OH/126 NY/126 IN/119 MI/108 GA/104 CA--2,845  
5211. 1959 -- measles, especially children, esp. PA/36 CA/31 TX/27 MO/19 IL/NJ/NY/16--385  
5212. 1959 -- polio (acute, not late effects of), esp. NY/49, MO/34, IA/22, CA/NC/TN/20 -- 454  
5213. 1959 -- scarlet fever and streptococcal sore throat, especially TX (12) and KY (10)-- 130  
5214. 1959 -- tuberculosis, esp. NY/1,316, PA/981, CA/815, IL/643, TX,633, OH/527 --11,456  
5215. 1959 -- typhoid fever/22 & paratyphoid fever/72; PHS, *Vital Statistics-Mortality 1959-94*  
5216. 1959 -- whooping cough (pertussis), especially children, esp. TX/48, SC/22, GA/18-- 269  
5217. 1959 -- Jan 03-07, winter weather (strong winds, bitter cold), East-Central NY -- 13  
1959 -- Jan 05, fire, residential, coal-burning stove, Winstonville, Bolivar Co., MS-- 6  
5218. 1959 -- Jan 08, fire, home wood stove (15 children and woman), Boswell, OK -- 16  
5219. 1959 -- Jan 08, Southeast Air 308, flies into Mt. Holston, approach to Tri-City AP, TN--10  
5220. 1959 -- Jan 16-18, winter weather (snowstorm, gale winds), NY, esp. NW NY --11-12  
1959 -- Jan 20, fire (exploding stove?), residence, children killed, Ashland, ME -- 6  
5221. 1959 -- Jan 21-24, heavy rain, flash floods, flooding, OH/17, IN/2-3, PA/3, NY/9 --31-32  
5222. 1959 -- Jan 22, Susquehanna Riv. breaks into River Slope Mine/Knox Coal Co., Port Griffith, PA--12  
5223. 1959 -- Feb 03, American Air flight 320 approach crash into East River, NYC NY-- 65  
5224. 1959 -- Feb 04, USAF Weather B-50 plane crash, out of Kindley US AFB, Bermuda-- 12  
5225. 1959 -- Feb 10, tornado, St. Louis City and County, MO -- 21  
5226. 1959 -- Feb 14, fire (from gas explosion), apartment building, Ashland, KY -- 11  
1959 -- Feb 14, OH car goes into Middle Fork, Poca River, Rt 21 near Sissonville, WV--6  
1959 -- Feb 15, residential home fire (grandmother and six children), South Bend, IN-- 7  
1959 -- Feb 15, home fire, probably coal cooking stove, Pinson Fork, KY -- 5  
5227. 1959 -- Mar 04-06, snowstorms, esp. upper Midwest, esp. IA/19, IN/10-13, WI/11--53-56  
5228. 1959 -- Mar 05, fire, Negro Boys Industrial School reformatory dorm, Wrightsville AR--21

<sup>119</sup> Distinct from the 52,195 pneumonia deaths (codes 490-493) noted in the Table 78, p. 406.

5229.	1959	-- Mar 11-13, snowstorm/blizzard, NY, New England, esp. NY (22), ME (11)--	46
	1959	-- Mar 13, dwelling fire (five children, two adults), Easton, ME	-- 7
5230.	1959	-- Mar 14-15, midwest snowstorm, IA/6, IL/1, KS/2, MI/2, NE/1, OH/1	-- 13
5231.	1959	-- Mar 15, fire, farm house (10 children and farmer - Byrd), Cross Hill, SC	-- 11
	1959	-- Mar 16, fire (cigarette), residence (father and five children), Superior, WI	-- 6
5232.	1959	-- Mar 18, station-wagon (Beavercreek Girl Scouts) hit by train, ~Xenia, OH--all	10
	1959	-- Mar 29, home coal stove explos./fire, children, Danielstown, Brunswick Co., VA--	7
5233.	1959	-- Apr 09, USN P5M 2 Marlin seaplane crash Cheju Island Mt., South Korea--all	10
	1959	-- Apr 25, oil heater explosion/fire, Waldrop home, Hill City, near Calhoun, GA--	6
	1959	-- Apr 28, fire, coal-burning stove explodes, Nayakik cabin, Point Barrow, AK--	8
	1959	-- May 11, plane crash, USN P2V-5, Whidbey Island Naval Air Station, WA--	9
5234.	1959	-- May 12, Capital Airlines Flight 75, disintegration in storm near Chase MD--	31
5235.	1959	-- May 20, USAF C-130 Hercules plane crash into barracks, Ashiya US AB, Japan--	10
5236.	1959	-- June 2, tractor trailer hits stopped propane gas truck, fire, explos. ~Deer Lake, PA--	11
	1959	-- June 8, auto and trucks collide, family killed, Rt. 22 ~Duncansville, western PA--	6
5237.	1959	-- June 08, farm labor truck (bus) crash, fuel explosion/fire, near Phoenix, AZ--	17
5238.	1959	-- June 26, TWA 891 fuel explos., thunderstorm static electricity, Italy--37 US of 70	
5239.	1959	-- June 28, train derails at trestle over river, LPG-tank rupture/flash-fire, ~Meldrim, GA--	23
5240.	1959	-- June 30, U.S. Air Force F-100 jet crash into school, Ishikawa, Okinawa <sup>120</sup>	-- 18
5241.	1959	-- July 01, Continental Can Co. corporate plane crash, near Marion, OH	--all 10
	1959	-- July 22, USAF KC-97 plane explosion and crash, near East Andover, NH	-- 7
5242.	1959	-- Aug 07, building fire and parked truck dynamite explosion, Roseburg, OR--	14
5243.	1959	-- Aug 18, earthquake, rockfalls, landslides, campers killed, Hebgen Lake, MT--	28
	1959	-- Aug 18, service station fire, gasoline storage tanks explode, Kansas City, KS--	6
5244.	1959	-- Sep 24, Reeve Aleutian Air fl. #3 approach crash, Great Sitkin Island, AK	-- 16
5245.	1959	-- Sep 29, Braniff Air 542 structural failure left wing, crash, near Buffalo, TX--	34
5246.	1959	-- Sep 29-30, Hurricane Gracie SC/9 NC/1 GA/1, Gracie-spawned tornadoes VA/12--	25
5247.	1959	-- Oct 9, semi-trailer tanker rear-ends Trenton St. Col. bus, New Brunswick, NJ--	12
	1959	-- Oct 15, USAF KC-135A tanker collision, USAF B52F bomber, ~Leitchfield, KY--	8
5248.	1959	-- Oct 29-31, rain/wind storms, central/eastern AZ (6-7), cent./south CA (3)	-- 9-10
5249.	1959	-- Oct 30, Piedmont 349 pilot error crash, Bucks Elbow Mt., ~Charlottesville VA--	26
5250.	1959	-- Nov 07, USAF C-47 crashes after take-off, Tainan, Formosa (Taiwan)	-- 15
	1959	-- Nov 09, vehicular accident, three trucks/one car, West Brooklyn, IL	-- 7
5251.	1959	-- Nov 16, National Air Flight 967 crashes, suspected sabotage, Gulf of Mex.--	42
5252.	1959	-- Nov 24, Trans World Air #595, crash into homes (8 killed), Chicago, IL	-- 11
5253.	1959	-- Nov 25, MV <i>National Pride</i> capsizes Gulf of Mexico off Galveston, TX	--all 11
5254.	1959	-- Dec 01, Allegheny Air approach crash, ~Williamsport-Montoursville AP, PA--	25
	1959	-- Dec 18, car tries to beat train across road at crossing, Fowlerville, MI	-- 8
	1959	-- Dec 25, car collides with concrete abutment, Hwy 9-W ~Haverstraw, NY	-- 8
5255.	1960	-- chickenpox (varicella)	-- 126
5256.	1960	-- diphtheria, especially TX (only State in double digits -- 20)	-- 69
5257.	1960	-- hepatitis, infectious	-- 938
5258.	1960	-- influenza, <sup>121</sup> US death rate 4.4 per 100K; esp. AL/11.5, SC/11.2, MS/10.9	--7,872

<sup>120</sup> All deaths were of Okinawans in this at-the-time U.S. controlled territory. Pilot had bailed out of jet.

<sup>121</sup> Distinct from the 58,931 pneumonia deaths (codes 490493) noted in the Table 1-V, p. 1-42.



5259. 1960 -- measles, especially children, esp. TX/52, NY/31, LA/21 IL/18 MI/17 OH/17--380
5260. 1960 -- mumps -- 42
5261. 1960 -- polio (acute, as opposed to late effects), especially NY/26, CA/24 TX/14 PA--230
5262. 1960 -- rubella (German measles) -- 12
5263. 1960 -- scarlet fever and streptococcal sore throat, especially TX (13) and KY (12)-- 108
5264. 1960 -- tuberculosis, death rate 6.1 per 100K; esp. AZ/12.1, DC/11.8, KY/10.7 --10,866
5265. 1960 -- typhoid fever/21, paratyphoid fever/8; PHS, *Vital Statistics-Mortality 1960*-- 29
5266. 1960 -- whooping cough (pertussis), especially children, especially TX (22) -- 118
5267. 1960 -- excessive natural heat (US Public Health Service code E931) -- 168
5268. 1960 -- Jan 04, US Army De Havilland U-1A Otter disappears Gulf of Sidra, Libya-- 10
5269. 1960 -- Jan 06, National Airlines Flight 2511 blown-up by dynamite, Bolivia, NC --all 34
5270. 1960 -- Jan 15-18, Midwest to Northeast snowstorms, esp. KS, NE/10, WI/11, NY --36-41
5271. 1960 -- Jan 18, Capital Air 20 icing conditions engine loss, crash, ~Charles City, VA-- 50
- 1960 -- Jan 18, freight train cuts school bus in two at RR crossing near Fackler, AL-- 5
5272. 1960 -- Jan 19, USN P4M Mercator plane crash, Karanfil Mt. near Adana, Turkey --all 16
- 1960 -- Feb 11, rocket under wing explodes, USN P5M, Puget Sound ~NAS Whidbey Isl.-- 9
5273. 1960 -- Feb 12-15, snowstorms, Gulf to Atlantic Coast/Northeast, esp. NY & PA --91-94
5274. 1960 -- Feb 18-20, snowstorms, especially East Coast and Northeast, esp. NY (15)-- 39
5275. 1960 -- Feb 25, USN R6D & Brazilian DC-3 collide off Rio de Janeiro, Brazil--35/USN of 61
5276. 1960 -- Mar 01, train and oil tank truck collision, fire, Bakersfield, CA -- 14
5277. 1960 -- Mar 02-5, snowstorms/cold, Midwest-Eastcoast, esp. Northeast, esp. NY/31--186-193
5278. 1960 -- Mar 08, Island Creek Coal Co. No. 22 mine fire, Holden, Logan County, WV--18
5279. 1960 -- Mar 17, Northwest Air 710, right wing failure, crash, near Tell City, IN -- 63
- 1960 -- Mar 27, home fire (faulty burner?) kills widow & five children, Winthrop, ME--6
- 1960 -- Apr 18, USAF C124 cargo plane takeoff crash, Stephenville, Harmon AB NFDL--9
5280. 1960 -- May 05, OK tornado outbreak, multiple locales, especially Wilburton (13) OK-32
5281. 1960 -- May 23, tsunami, Hilo, HI, from May 22 Great Chilean Earthquake -- 61
5282. 1960 -- June 14, Pacific Northern Airlines 201 plane crash, Mt. Gilbert (9000 ft), AK-- 14
5283. 1960 -- June 23-29, tropical storm, so. TX; remnant flooding; deaths TX/12, AR/3-- 15
5284. 1960 -- July 06, USN Airship (blimp) envelope tear and crash off Barnegat City, NJ-- 18
5285. 1960 -- July 11, US Air Mission Colombia USAF crash, Mt Pichincha, Ecuador--12US of 18
5286. 1960 -- July 18, explosion (gas) and fire, J.C. Penney Co. Dept. Store, Merrill, WI -- 10
5287. 1960 -- July 19, USN destroyers *Collett & Ammen* collide, fog, ~Newport Beach, CA-- 11
5288. 1960 -- July 27, Chicago Helicopter Airways blade failure & crash, Forest Park, IL--all 13
- 1960 -- Aug 12, engineering area flash fire, minesweeper USS *Exultant* off Savannah GA--5
5289. 1960 -- Sep 06, Hurricane Donna, Puerto Rico (see Sep 9-14 below) -- 107
5290. 1960 -- Sep 08, Yokota AB USAF weather recon. B-50 crash, mt. ~Ishikawa, Japan-- 11
5291. 1960 -- Sep 09-14, Hurricane Donna, eastern US coast, esp. FL/13, NC/8, NJ/9<sup>122</sup> -- 44
- 1960 -- Sep 12, station wagon of high school students hits tractor-trailer ~Ripley, WV-- 6
5292. 1960 -- Sep 19, World Airways, Military Air Transport, crash, Mt. Barrigada, Guam-- 80
5293. 1960 -- Sep 22, USMC R5D engine fire/fuel tank explodes/crash 180M off Naha, Okinawa--29
5294. 1960 -- Oct 04, explosion, Tenn. Eastman Chemical, Aniline Plant, Kingsport, TN-- 15
5295. 1960 -- Oct 04, Eastern Air Electra plane crash (birds), Logan, Boston, MA -- 62
5296. 1960 -- Oct 22, SS *Alcoa Corsair* (10) & MV *Lorenzo Marcello* collide, MS Riv. mouth LA--10

<sup>122</sup> Many sources note 50 deaths, though without detail substantiating 50 deaths. We have only been able to substantiate 44 via some sort of detail – such as State and locality breakout or causes of death.

5297.	1960	-- Oct 28, Northwest Orient Airlines crash/fire, poor visibility, ~Missoula, MT	--all 12
5298.	1960	-- Oct 28, torrential rains, flash flooding, south central TX, esp. Austin area, TX	--11
5299.	1960	-- Oct 29, Arctic-Pacific (football team charter) takeoff crash, Toledo Express AP, OH	--22
	1960	-- Nov 8, Synvar Corp. resin products plant dust explosion/fire, Wilmington, DE	--5
	1960	-- Dec 07, truck carrying bottled gas (4 killed) hit by train (2), near Nashua, NH	-- 6
5300.	1960	-- Dec 07-10, snow and ice storms, NM (5), OK (3), TX (9)	-- 17
5301.	1960	-- Dec 10-13 a.m., mid to north Eastcoast snowstorm/blizzard/coldwave	--208-253
5302.	1960	-- Dec 16, United & TWA planes collide, holding over Staten Island, NY	-- 134
5303.	1960	-- Dec 17, USAF C-131D takeoff crash, Munich, Germany	--20US of 51-53
5304.	1960	-- Dec 19, <i>USS Constellation</i> (under construction) fire, NY Naval Shipyard, NY	--50
5305.	1961	-- chickenpox (varicella)	-- 167
5306.	1961	-- diphtheria, especially TX (only State in double digits -- 23)	-- 68
5307.	1961	-- hepatitis, infectious	-- 976
5308.	1961	-- influenza, <sup>123</sup> US death rate 1.2 per 100K; esp. AK/3.3, KS/ME/NE at 2.7	--2,137
5309.	1961	-- measles; US death rate 0.2 per 100K; AK/6.0, AR/0.7, KY/0.7, SC/06	-- 434
5310.	1961	-- mumps	-- 53
5311.	1961	-- polio, acute (as opposed to late effects), 33 States, esp. mid-Atlantic, esp. NY/15	--90
5312.	1961	-- rubella (German measles)	-- 14
5313.	1961	-- scarlet fever and streptococcal sore throat, especially CA, TN, TX (10 each)	--130
5314.	1961	-- tuberculosis, US death rate 5.4 per 100K; esp. DC/13. KY/10, AR/10.6, AZ/9.4	--9,938
5315.	1961	-- typhoid fever/17 and paratyphoid fever/7	-- 24
5316.	1961	-- whooping cough (pertussis), especially children, especially AL (10)	-- 76
5317.	1961	-- excessive cold (US Public Health Service code E932)	-- 207
5318.	1961	-- excessive heat (US Public Health Service code E931)	-- 191
5319.	1961	-- Jan 06, fire, Thomas Hotel, San Francisco, CA	-- 20
5320.	1961	-- Jan 15, Nor'easter, USAF Radar Tower No. 4 fails ~70m east of Barnegat, NJ	--28
5321.	1961	-- Jan 19-20, Nor'easter snowstorm, East Coast and Northeast, esp. PA (21)	--60-69
5322.	1961	-- Jan 26, USAF C-118 Liftmaster explosion/crash off Argentia, Newfoundland	--23
	1961	-- Feb 01, Mount Vernon Nursing Home fire, Washington, DC	-- 7
	1961	-- Feb 02, speeding train derails (Philadelphia Racing Special), Bowie, MD	-- 6
5323.	1961	-- Feb 02-06, snow storms/blizzards, esp. Northeast, Midwest, esp. NY/22	--131-136
5324.	1961	-- Feb 15, US figure-skating team (18) Sabena Air #548 crash, Berg, Belgium	--49 of 73
5325.	1961	-- Mar 02, Viking Coal Mine dust explosion, near Terre Haute, IN	-- 22
5326.	1961	-- Mar 28, residential fire (lightning?), Alex Whitehead home, Dotsonville, TN	-- 12
5327.	1961	-- Apr 18, USAF C47, circling takeoff climb, foggy weather crash, Mt Parker, Hong Kong	--15
5328.	1961	-- May 05, F4 tornado, Leflore County, OK, especially Howe (12 killed)	-- 16
5329.	1961	-- May 24, USAF Globemaster power loss crash after takeoff, McChord AFB, WA	-- 18
	1961	-- June 17, automobiles collide head-on near Lovelock, NV	-- 6
5330.	1961	-- June 30, wrong-way, Cal. speeding pickup hits Cal. station wagon, Jean, NV	-- 11
5331.	1961	-- July 11, United Air 859 landing crash/fire, Stapleton AP, Denver, CO	-- 18
	1961	-- July 12, lightning electrocution, workers in barn, ~Clinton, Sampson Co., NC	-- 8
5332.	1961	-- July 19, downpour and flash flood, Charleston, WV	-- 22
5333.	1961	-- Sep 1, TWA 529 longitudinal control loss/crash, ~Chicago-Midway AP, IL	--all 78
5334.	1961	-- Sep 11-14, Hurricane Carla, LA/6, KS/5, MO/1, central TX/34	-- 46

<sup>123</sup> Distinct from the 53,038 pneumonia deaths noted in the next column in Table 1-P, p. 1-32.

5335.	1961	-- Sep 17, Northwest #706 takeoff plane crash, O'Hare, Chicago, IL	-- 37
	1961	-- Sep 17, thunderstorm, flash flooding, Zions Narrows/5; Glen Canyon/1, UT--	6
	1961	-- Sep 24, one-ton stake-body truck (carrying 17) overturns/burns, Jacksonville, FL--	6
5336.	1961	-- Nov 7, M/V <i>Union Reliance</i> (12) and M/V <i>Berean</i> collide, Houston Channel, TX--	12
5337.	1961	-- Nov 8, Imperial Airlines (military charter), engine failure/crash/fire, Richmond, VA--	77
5338.	1961	-- Nov 9, US Navy P2V-5 Neptune plane crash at sea $\approx$ 300M off Norfolk VA--	all 11
5339.	1961	-- Dec 08, fire, Hartford Hospital, Hartford, CT	-- 16
5340.	1961	-- Dec 14, train hits school bus at railroad crossing, Auburn, near Greeley, CO--	20
5341.	1962	-- chickenpox (varicella)	-- 134
5342.	1962	-- diphtheria, especially TX (9)	-- 41
5343.	1962	-- excessive cold	-- 423
5344.	1962	-- excessive heat (code E931)	-- 154
	1962	-- German measles (rubella)	-- 8
5345.	1962	-- influenza, <sup>124</sup> US death rate 1.8 per 100K; esp. NE/5, TN/5, MS/4.2, SC/4	--3,431
	1962	-- leprosy (Hansen's disease)	-- 8
5346.	1962	-- malaria	-- 12
5347.	1962	-- measles, death rate 0.2 per 100K, esp. AK/4.5, AZ/0.9, TX/0.6, LA/TN/0.5--	408
5348.	1962	-- mumps	-- 43
5349.	1962	-- polio (acute; as opposed to late effects of), especially children, esp. TX/13--	60
5350.	1962	-- scarlet fever and streptococcal sore throat, especially TX (10)	-- 102
5351.	1962	-- tuberculosis, death rate 5.1 per 100K; esp. DC/11.9, KY/9.8, AZ&AR/9.7	--9,508
5352.	1962	-- typhoid fever/15; paratyphoid fever/7; PHS, <i>Vital Statistics-Mortality 1962</i> --	22
5353.	1962	-- typhus and other rickettsial diseases	-- 16
5354.	1962	-- whooping cough (pertussis), especially children, esp. AK/7, MS/7, SC/7	-- 83
5355.	1962	-- Jan 7-14, cold-wave, snow and sleet, deaths in 29 States, esp. TX ( $\geq$ 30)--	153-212
5356.	1962	-- Jan 10, Blue Blaze No. 2 Coal Mine gas and dust explosion, Carterville, IL--	11
5357.	1962	-- Jan 12, US Navy P2V Neptune crash, Kronborg Glacier, Greenland	--all 12
5358.	1962	-- Jan 15, fire, Paladino home, Catholic Point community ~Center Ridge, AR--	10
	1962	-- Jan 21, Mt. Elbert avalanche, three homes, Twin Lakes, near Leadville, CO--	7
5359.	1962	-- Jan 28-Feb 2, dense fog, traffic accidents/pileups/train hits bus, Central Valley CA--	28-29
5360.	1962	-- Feb 7-12, heavy rain, flooding/mudslides/falling trees/slick roads, southern CA--	26
5361.	1962	-- Feb 23-24, snow/ice storms, Midwest, Northeast; deaths in IL, IN, NY, OH, PA--	11
5362.	1962	-- Mar 01, American Air Flight #1 plane crash, Jamaica Bay, Queens, NY	-- 95
5363.	1962	-- Mar 05-09, Ash Wednesday Nor'easter, esp. coastal mid-Atlantic, esp. NJ/29--	52
5364.	1962	-- Mar 08, USAF C-130A Hercules plane crash near Alencon, western France--	15
5365.	1962	-- Mar 15, MATS charter Flying Tiger #739 disappears, Philippine Sea--	104US of 107
5366.	1962	-- Mar 21, USN P2V Neptune crash mt. ridge 2M south of Elk Mountain, WA--	all 10
5367.	1962	-- Mar 31, F3 tornado, Milton area, Santa Rosa County, FL	-- 17
	1962	-- May 09 USAF KC-135A Stratotanker engine failure/crash, Loring, AFB, ME--	6
5368.	1962	-- May 10, vapor explosions and fire, Maumee Chemical Plant, Toledo, OH	-- 10
5369.	1962	-- May 17, USAF C130 Hercules flies into cloud shrouded mt., 20M W Nairobi, Kenya--	13
5370.	1962	-- May 22, Continental flight 11 blown-up by passenger over Unionville MO--	45
5371.	1962	-- May 22, USN WV2 radar intel. plane break-up/crash ~Markt Schwaben, Ger.--	26
	1962	-- May 27, Dover AFB USAF C133 Cargomaster crash, Atlantic off Dover, DE--	6

<sup>124</sup> Distinct from the 56,564 pneumonia deaths noted in the next column in Table 1-12, p. 1-20..

5372. 1962 -- Jun 3, Air France Boeing 707 (charter) takeoff crash, Orly AP, Paris, France--121US of 130
5373. 1962 -- July 22, Canadian Pacific Air takeoff and go-around crash, Honolulu, HI -- 27
5374. 1962 -- July 25, brakes fail, propane LPG tanker truck crash/explos./fire, Berlin, NY-- 10
5375. 1962 -- July 28, "Baseball" train derails, Susquehanna Riv., Steelton, ~Harrisburg, PA-19
5376. 1962 -- Aug 01, USN Marlin P5M crash, Zambales Mountains, northern Philippines-- 12
5377. 1962 -- Aug 18, overloaded Sunday School boat capsizes, Lake Talquin ~Quincy, FL- 18
5378. 1962 -- Sep 04, Ashland Oil Co. plane loses right wing/crashes ~Lake Milton, OH-- 13
5379. 1962 -- Sep 10, USAF SAC tanker crash/Fairchild approach, Mt. Kit Carson ~Spokane, WA-44
5380. 1962 -- Sep 22, USN Martin Marlin flies into high ground, Montague Isl., Gulf of AK--10
5381. 1962 -- Sep 23, Flying Tiger, Military Air Transport Svc. plane, ditches, No. Atlantic--28
5382. 1962 -- Oct 03, boiler explosion, NY Telephone Company building, Manhattan, NY-- 23
5383. 1962 -- Oct 10-13, NW Pacific Coast wind/rain storms CA/OR/WA/BC, esp. OR<sup>125</sup>58-75
5384. 1962 -- Oct 20, *Boheme* & barge *Parker* collision/fire, Miss. River ~Lutcher, LA -- 20
5385. 1962 -- Nov 15~, storm, New Bedford, MA scalloper *Midnight Sun* lost, Georges Bank--11
5386. 1962 -- Nov 23, United 297 plane/bird collision, near Ellicott City, MD -- 17
5387. 1962 -- Nov 30, Eastern Airlines Flight #512 approach crash in fog, Jamaica, NY -- 25
5388. 1962 -- Dec 06, coal mine gas/dust explosions, Robena No. 3, Carmichaels, PA -- 37
5389. 1962 -- Dec 6-15, snowstorms/cold-wave >26 States ~east half US, esp. OH, MI--188-238
5390. 1962 -- Dec 26, USN P5M1 Marlin Seaplane lost at sea 350M SW of San Diego CA-- 13
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5391. 1963 -- chickenpox (varicella) -- 129
5392. 1963 -- diphtheria, especially GA (5) and TX (5) -- 42
5393. 1963 -- dysentery, all, esp. TX/65, CA/27, AZ/25, MS/15, GA/14, IL/13, NM/13 -- 294
5394. 1963 -- influenza,<sup>126</sup> US death rate 3.8; SC/11.9, KY/11.6 WV/11 MS/10.9 TN/9.3--7,083
5395. 1963 -- measles, esp. MI/27 TX/25 AZ/24 CA/22 WI/19 OH/18 PA/15 NY/14 AK/13--364
5396. 1963 -- mumps -- 48
5397. 1963 -- polio, acute; does not include late effects of poliomyelitis, especially FL/5 -- 41
5398. 1963 -- rubella (German measles) -- 16
5399. 1963 -- scarlet fever and streptococcal sore throat, esp. TX (12) and IL (7) -- 102
5400. 1963 -- tuberculosis, US death rate 4.9; esp. DC/12.3, AZ/9.7, WV/8.6, KY/8.7 WV/8.6--9,311
5401. 1963 -- typhoid fever/21 & paratyphoid fever/7; PHS, Vital Statistics-Mortality 1963-- 28
5402. 1963 -- whooping cough (pertussis), esp. children, especially TX/18, LA/9, GA/8 -- 115
5403. 1963 -- excessive cold -- 457
5404. 1963 -- excessive heat (code E931), esp. TX (26), CA (22), NY/11, AZ/10, NJ/10 -- 196
5405. 1963 -- Jan 02, Home Meat Packing Co. natural gas explosion, Terre Haute, IN -- 17
5406. 1963 -- Jan 09-16/17, Arctic cold/snow/sleet/high winds/blizzards, much of US --81-92
5407. 1963 -- Jan 18-30, cold waves/snow/icing/high wind, esp. IN/OH/IL/NY/MI/PA/TX--315-352
- 1963 -- Jan 20, home fire, thought related to coal stove, kills family, Calhoun, OK -- 8
- 1963 -- Jan 24, USAF B-52 stabilizer shaft breaks (turbulence), crash ~Greenville, ME--7
- 1963 -- Jan 27, cars collide, Corunna and Morrish Rds., five miles west of Flint, MI-- 6
- 1963 -- Jan 29, Continental Airlines 290 crash, Kansas City Municipal Airport, MO-- 8
5408. 1963 -- Jan 30, US Navy ASW P-3A plane crash, ~250M off Atlantic City, NJ --all 14
5409. 1963 -- Feb 04, SS *Marine Sulphur Queen* disappears between Cuba and south FL-- 39
5410. 1963 -- Feb 12, Northwest #705 breakup, severe turbulence, Everglades, ~Miami FL-- 43

<sup>125</sup> Includes seven British Columbia (especially Vancouver area) deaths.

<sup>126</sup> Distinct from the 63,678 pneumonia deaths noted in the next column in Table 1-12.

5411.	1963	-- Feb 21, tenant farmer home fire (defective heater or flue), near Luxora, AR--	10
5412.	1963	-- Feb 23, home fire (defective coal stove), Saville family, Morehouse, MO --	10
5413.	1963	-- Mar 4-19, heavy rain, OH River basin flooding, esp. IN/5 TN/4 VA/6 WV/13--	26-33
	1963	-- Mar 29, natural gas leak explosion, Supreme Cleaners, Tucson, AZ	-- 7
5414.	1963	-- Apr 10, implosion, USS <i>Thresher</i> nuclear submarine off Cape Cod, MA	-- 129
	1963	-- Apr 20-22, forest fires, NJ	-- 6-7
	1963	-- Apr 23, home fire (Gephart children), River Park Drive, Louisville, KY	-- 7
5415.	1963	-- Apr 25, Clinchfield Coal Co. Compass 2 Mine, gas explosion, Dola, WV	-- 22
5416.	1963	-- Apr 29, tornadoes, deaths in MO/1, MS/8, TN/3; also: AR, GA, IN, KY, TN--	12
	1963	-- May 03, fire, home for intellectually disabled children, Rockville, IN	-- 6
5417.	1963	-- May 18, farm worker bus sideswiped by truck, goes into canal, ≈Belle Glade, FL--	27
5418.	1963	-- June 03, Northwest Air #293 crash, North Pacific, off Annette Island, AK	-- 101
5419.	1963	-- June 10, brakes fail, truck with Boy Scouts goes off hill ~Hole-in-the-Rock, UT--	13
5420.	1963	-- Aug 27, Texas Gulf Sulphur Co., Potash Mine gas explosion, ≈Moab, UT	-- 18
5421.	1963	-- Aug 28, two USAF tankers apparently collide mid-air, off East Coast (≈SC)--	all 11
5422.	1963	-- Sep 02, two-car collision, TX State Highway 146 near Dayton, TX	-- 10
	1963	-- Sep 15, KKK members bomb 16 <sup>th</sup> Street Baptist Church, Birmingham, AL--	4
	1963	-- Sep 17, fire, Paradise Pines Rest Home (men in 80s), 14M so. of Riggins, ID--	7
5423.	1963	-- Sep 17, train hits migrant worker truck-bus, grade-crossing, Chualar, CA	-- 32
5424.	1963	-- Sep 22, USAF C-133A Cargomaster lost, Atlantic SE of Dover AFB, DE	-- 10
5425.	1963	-- Oct 31, bottled propane gas tank explosion, Indianapolis Coliseum, IN	--74-75
5426.	1963	-- Nov 03, car goes through inoperable dead-end warning in Harlem Riv., NYC--	11
5427.	1963	-- Nov 18, fire, Surfside Hotel (winter-months elderly home), Atlantic City, NJ--	25
5428.	1963	-- Nov 23, fire, Golden Age Nursing/Rest Home, Fitchville, OH	-- 63
5429.	1963	-- Dec 08, lightning strike, explosion, breakup, Pan Am fl. 214, Elkton, MD	-- 81
	1963	-- Dec 14, Baldwin Hills reservoir dam failure, flooding, so. Los Angeles, CA--	5
	1963	-- Dec 16, duplex home fire, space heater spilled oil, children, Portland, ME	-- 6
	1963	-- Dec 16, Carbon No. 2 coal mine methane gas/coal dust explosion, Helper, UT--	9
	1963	-- Dec 23, USAF B-52 Stratofortress crash after takeoff ≈Columbus AFB, MS--	all 9
5430.	1963	-- Dec 25, fire, portable home oil heater tipped over, Charleston, SC	--12-13
5431.	1963	-- Dec 29, Hotel Roosevelt fire, Jacksonville, FL	-- 22
5432.	1964	-- diphtheria, especially Texas (10) only State in double digits	-- 42
5433.	1964	-- dysentery, all forms, esp. TX/59, CA/25, MS/25, GA/17, NC/11, TN/10	-- 283
5434.	1964	-- excessive cold; Public Health Service, Vital Statistics-Mortality, code E932--	298
5435.	1964	-- excessive heat; Public Health Service, Vital Statistics-Mortality, code E931--	195
5436.	1964	-- influenza, <sup>127</sup> US death rate 0.9 per 100K, esp. MT/4.0 WA/3.8 NE/3.6 ND/3.1--	1687
5437.	1964	-- measles, esp. TX/68 CA/34 NY/30 MS/25 KY/21 TN/20 IL/17 SC/17 NC/15--	421
5438.	1964	-- polio, acute/17, late effects of acute poliomyelitis/115, esp. CA/22, IL/11	-- 132
5439.	1964	-- scarlet fever & streptococcal sore throat, esp. MO/6 OH/6, FL/GA/KY/NY/PA/5 each--	95
5440.	1964	-- tuberculosis, US death rate 4.3; esp. DC/12, AZ/9, AL/7.4, WV/7.2, TN/7.0--	8,303
5441.	1964	-- typhoid fever/14 and paratyphoid fever/67; PHS, Vital Statistics, 1964	-- 81
5442.	1964	-- whooping cough/pertussis, especially children, especially SC/11 and TX/11--	93
5443.	1964	-- Jan 12-14, snowstorm and coldwave, eastern US, esp. IN, OH, PA, NY	--146-167
5444.	1964	-- Jan 24, tornado, Harpersville, Shelby County, AL	-- 10

<sup>127</sup> Distinct from the 51,764 pneumonia deaths noted in the next column in Table 1-14.

5445. 1964 -- Feb 03, South Central Air takeoff crash (overloaded) Gainesville AP, FL --all 10
5446. 1964 -- Feb 22, home fire, living rm. stove malfunction, ~Cheraw & Society Hill, SC-- 11
5447. 1964 -- Feb 25, turbulence, Eastern Air Flight 304 crash, Lake Pontchartrain, LA -- 58
5448. 1964 -- Mar 1, Paradise Air 901A crash, snowstorm, Lake Tahoe approach, Genoa Peak NV--85
- 1964 -- Mar 03 lightning hits residence starting fire, Forrest City, AR -- 7
5449. 1964 -- Mar 04-Apr 01, flooding, Ohio River & tributaries, OH and esp. KY --15-18
5450. 1964 -- Mar 9-10, snowstorm, ice, sleet, freezing rain, ME/1, MA/3, NY/≥6 -- ≥10
- 1964 -- Mar 20, car skids on icy US 69 curve into path of truck, near Cameron, MO-- 6
5451. 1964 -- Mar 27, earthquake & tsunamis, Prince William Sound, AK (also OR, CA)-- 143
- 125 AK earthquake (15), tsunami (≥106), related (4) AK NG plane crash
- 13 CA tsunami (11 Crescent City, 1 at Bolinas Bay and 1 Klamath Riv. mouth
- 5 OR tsunami (4 Beverly Beach State Park and 1 tsunami-related at Seaside)
5452. 1964 -- Mar 28, tsunamis, ~Newport, OR (4), Crescent City (11), Requa (1), CA -- 16
5453. 1964 -- Apr 18, two USAF C119 Flying Boxcars collide 6M NE, Clinton County AFB, OH--17
5454. 1964 -- May 07, mass murder, pilot shot/plane crash, Pac. Air 773, ~San Ramon, CA-- 44
5455. 1964 -- May 08, tornado, Chesterfield Twp., Mount Clemens area, Macomb Co., MI-- 13
5456. 1964 -- May 11, train hits station wagon with 8 children at crossing, near Mesa, AZ--all 10
5457. 1964 -- May 11, USAF C-135 hits fence/crashes, landing, Clark AB, Philippines --79-80
5458. 1964 -- May 11, USN P2V plane crash, Atlantic, 25 miles SW of US AB Rota, Spain--10
5459. 1964 -- May 23, Samoan Fire-Dance fire, All Hallows Parish Hall, San Fran., CA -- 17
- 1964 -- May 23-24, boat capsizes, Fontenelle Reservoir, Lincoln County, SW WY-- all 6
5460. 1964 -- June 8, rain/Swift & Two Medicine dams fail/flooding, esp. Blackfeet Res., NW MT--34-35
5461. 1964 -- June 27-Oct 3, St. Louis Encephalitis epidemic, Houston/33; elsewhere/24<sup>128</sup>-- 57
5462. 1964 -- June 29, USAF Stratofreighter & USAF C54 collide ~Kindley US AFB, Bermuda--17
5463. 1964 -- June 30, drilling barge *C.P. Baker* blowout/explos./fire, Gulf of Mex. off LA-- 22
5464. 1964 -- July 09, United Air Flight 823 in-flight fire, crash, near Parrottsville, TN -- 39
- 1964 -- July 30pm, flash flood/bridge destroyed/car goes into Nazlini Wash ~Chinle, AZ-- 7
5465. 1964 -- Sep 12, farm house fire (Bowdish/McConnell children), Kasota, MN -- 10
5466. 1964 -- Oct 03-04, Hurricane/Tropical Storm Hilda/tornadoes, LA, MS, SE coast -- 42
5467. 1964 -- Oct 27, USN bomber hits pole/crashes into bldgs., low-level flyover, El Centro NAF, CA-12
5468. 1964 -- Nov 04, fire, Dorchester Manor Apartments/Hotel, Chicago, IL -- 11
5469. 1964 -- Nov 15, Bonanza Air 114 approach crash (faulty chart), near Las Vegas, NV-- 29
5470. 1964 -- Nov 17, USN P-3A Orion approach crash in fog, USN Base, Argentia, Nfld.-- 10
5471. 1964 -- Nov 23, TWA 800 takeoff engine malfunc., hits grader/fire/explosion, Rome Italy--28US of ~50
5472. 1964 -- Nov 26, tanker *Stolt Dagali* cut in half (19 lost) by liner *Shalom* off Point Pleasant, NJ--19
5473. 1964 -- Nov 27, USN Lockheed P-2V Neptune plane crash, Cape Newenham, AK-- 12
5474. 1964 -- Dec 04, USN P3A Orion fire, crash, 25M W off Luzon, Cubi Pt NAS, Philippines--13
5475. 1964 -- Dec 17, Spanish stmr. *San Patrick* grounds on rocks/breaks-up, Ulak Isl., AK--all 32
5476. 1964 -- Dec 18, Maples (McGraw) Convalescent Home fire, Fountaintown, IN -- 20
5477. 1964 -- Dec 21-28, floods, Pacific NW, esp. no. CA and OR; also so. WA/ID/NV --45-50
5478. 1964-65 -- rubella/German measles, last major US rubella epidemic, esp. newborn --2,100
5479. 1965 -- chickenpox (varicella) -- 143

<sup>128</sup> Some non-Houston deaths, such as some of five in Hale County, TX, area may have been Western Encephalitis. Two deaths in CO, 3 in IL, 2 deaths for IN, 1 in KY, 8 in NJ, 2 in PA, and 1 in TN.

5480.	1965	-- diphtheria, especially Alabama (5)	-- 18
5481.	1965	-- excessive cold (code E392)	-- 298
5482.	1965	-- excessive heat (code E391)	-- 106
5483.	1965	-- hepatitis, infectious, US death rate 0.4 per 100,000 population	-- 707
5484.	1965	-- influenza, <sup>129</sup> death rate 1.2 per 100K, esp. ME/5.0, KS/4.0, NE/3.6, VE/3.3	--2,295
5485.	1965	-- measles, esp. TX (42), GA (16), LA (16), OH (13), PA/12, AL/11, CA/11	-- 276
5486.	1965	-- mumps	-- 31
5487.	1965	-- polio, acute (does not include late effects of poliomyelitis deaths), esp. TX (4)-16	
5488.	1965	-- rubella (German measles)	-- 16
5489.	1965	-- scarlet fever and streptococcal sore throat, esp. TX/7, GA/NC/SC/ 4 each	-- 63
5490.	1965	-- tuberculosis, US death rate 4.1 per 100K; DC/12.7, AL/7.5, AZ/7.5, NM/6.6	--7,934
5491.	1965	-- whooping cough (pertussis), especially children, especially SC/7, TX/7, CA/5	--55
5492.	1965	-- Jan 15-19, blizzards/snow/cold, esp. IN & the East, esp. IN ~31, OH ~12	--68-70
5493.	1965	-- Jan 16, USAF tanker crash after takeoff into homes, fire, Wichita, KS	--29-30
5494.	1965	-- Jan 22, USAF C124 crash on snow-covered Mount Helmos, Greece	--all 10
5495.	1965	-- Feb 08, near miss takeoff crash, Eastern Air 663, off Jones Beach State Park, NY	--84
5496.	1965	-- Feb 22-25, winter weather, cold, snow, ice/glaze and wind, esp. MI/10	--48-51
	1965	-- Feb 23, truck/1 and car/5 collide, burn, US 31 five miles so. of Decatur AL	-- all 6
5497.	1965	-- Mar 04, explosion/fire, natural gas pipeline, residential Natchitoches, LA	-- 17
5498.	1965	-- Mar 13, landslide/fill caves-in, men working on retaining wall, Columbia, SC	-- 7
5499.	1965	-- Apr 11, storms/Palm Sunday tornado outbreak, IL/IN/IA/MI/OH/WI	--260-271
5500.	1965	-- Apr 06-27, heavy rain, flooding, levee failures, IA, IL, MN/12, MO, WI/3	-- 15
5501.	1965	-- May 06, tornadoes, esp. Anoka/Carver/Hennepin/Ramsey/Sibley counties, MN	--13-14
5502.	1965	-- May 7, ships collide, fog,, <i>Cedarville</i> sinks, Lake Huron, Mackinac Straits, MI	--10
5503.	1965	-- June 05, USAF C119 unexplained crash, Caribbean, NE of Crooked Isl. Bahamas	--10
	1965	-- June 08, lightning hits farmer's dwelling, fire starts; children die, Jackson, TN	-- 6
5504.	1965	-- June 11, intense rain west of Sanderson, flash-flood (dawn), Sanderson, TX	-- 26
	1965	-- June 11, heavy rain on heavy snowpack, flash flooding, Sheep Canyon area UT	--7
5505.	1965	-- June 15, two US Army helicopters collide mid-air, Fort Benning, GA	--all 18
5506.	1965	-- June 16-17, intense rain/flooding, Arkansas & South Platte Rivers basins, CO	--23
5507.	1965	-- June 25, USAF Stratolifter crash after takeoff, Loma Ridge, El Toro MCAS, CA	--all 84
5508.	1965	-- July 11, USAF Constellation engine fire, crash, ~100 miles off Nantucket, MA	--16
	1965	-- July 24, heavy rain and flash flooding, Northeast TN, esp. Clinchmore, TN	-- 7
	1965	-- July 25, drownings, children wading, Ledges State Park south of Boone, IA	-- 6
5509.	1965	-- July 27-Aug, "Legionnaires' Disease" outbreak, St. Elizabeth's Hospital, DC	-- 14
5510.	1965	-- Aug 09, Titan II ICBM silo fire leading to suffocation, near Searcy, AR	-- 53
5511.	1965	-- Aug 11-17, Watts race riots, Los Angeles, CA	-- 34
5512.	1965	-- Aug 16, 1965, United Flight 389 plane crash, Lake Michigan, off Chicago IL	-- 30
5513.	1965	-- Aug 24, USMC Lockheed Hercules takeoff crash into seawall, Hong Kong	-- 59
5514.	1965	-- Aug 25, explosions (26)/fire, Du Pont Chemical Corp., ~Louisville, KY <sup>130</sup>	-- 12
5515.	1965	-- Aug 28, USAF C47 crashes into mount Cerro Calima near Cali Columbia	--all 14
5516.	1965	-- Aug 28, timber truck hits stopped Greyhound bus, Hwy 90 near Vinton, LA	-- 11
5517.	1965	-- Sep 07-10, Hurricane Betsy, SE FL, esp. LA (levee break), also AR, MS	--93-105
	1965	-- Sep 10, speeding car crosses median (blowout?) hits another ~Lincolnton, NC	-- 9

<sup>129</sup> Distinct from the 61,903 pneumonia deaths noted in the next USPHS 1965 Mortality Data column in Table 1-14.

<sup>130</sup> First explosion caused eleven deaths. Twelfth death was from burns several days later.

5518. 1965 -- Sep 17 Pan American 292 crash on approach, Chances Peak, Montserrat--14 US of 30
5519. 1965 -- Nov 08, American 383 crash, near Cincinnati/No. KY AP, Constance, KY-- 58
5520. 1965 -- Nov 11, United Airlines 227 approach crash, Salt Lake City Airport, UT -- 43
5521. 1965 -- Nov 13, SS *Yarmouth Castle* fire/capsizes/sinks, Miami to Nassau ~Great Stirrup Cay-90
5522. 1965 -- Nov 22-24, heavy rain, flash flooding and mudslide, Southern CA -- $\geq$ 7-13
5523. 1965 -- Nov 24, natural gas explosion/fire, Nat. Guard Armory dance, Keokuk, IA-- 21
5524. 1965 -- Nov 27, Edde Airlines flies into rising terrain after takeoff in snow, Salt Lake City, UT--13
5525. 1965 -- Dec 11, arson fire/mass murder, Seeley Club (Tavern), Chicago, IL -- 13
5526. 1965 -- Dec 20, fire (arson?), Jewish Community Center (9 children) Yonkers, NY-- 12
5527. 1966 -- diphtheria, especially TX (6) -- 20
5528. 1966 -- dysentery, especially TX (31), GA (12), CA (11), MS (11), NM (10) -- 172
5529. 1966 -- excessive cold (code E-392).<sup>131</sup> USPHS *Vital Statistics* does not breakout by state-- 365
5530. 1966 -- excessive heat/heatwave, esp. late June-mid-July, esp. St. Louis area, IL, NYC--613
5531. 1966 -- influenza (pneumonia deaths were 60,785), esp. CA/636, WA/154, OR/134 --2,830
- 1966 -- leprosy (Hansen's disease) -- 6
5532. 1966 -- measles, esp. TX/36, IL/27, CA/19, SC/14, NY/12, AZ/MS/PA/TN/10 each-- 261
5533. 1966 -- meningococcal infections, esp. CA/109, TX/59, OH/50, NY/40, NC/38 -- 876
5534. 1966 -- polio, acute/9 and late effects of acute poliomyelitis/139, esp. CA/22, TX/12--148
5535. 1966 -- scarlet fever and streptococcal sore throat, especially TX (12), NY (10) -- 65
5536. 1966 -- tuberculosis, esp. NY/844, PA/589, CA/537, IL/410, TX/404, OH/340 --7,625
5537. 1966 -- typhoid fever, AL/AZ/AR/GA/KY/MD/MS/NE/NY/OH/OK/SC/TN/TX --15-16
5538. 1966 -- whooping cough (pertussis), especially children, especially TX (9) -- 49
5539. 1966 -- Jan 06, fire (cigarette), Hotel Carlton (and Apartments), St. Paul, MN -- 11
5540. 1966 -- Jan 25, USAF transport in-flight engine fire & crash ~Binh Khe, So. Vietnam--46
5541. 1966 -- Jan 26-Feb 02, winter storms/coldwave/nor easter/blizzards, esp. East --251-258
5542. 1966 -- Jan 28, gas explosions and fire, Paramount Hotel, Boston, MA -- 11
5543. 1966 -- Feb 01, farm labor bus hit by train engine pulling caboose, so. of Miami, FL-- 18
- 1966 -- Feb 04, Astor Hotel fire and destruction, downtown Green Bay, WI -- 8
5544. 1966 -- Feb 5-6, kerosene hot plate/heater explodes, fire, rooming house, Miami, FL-- 10
5545. 1966 -- Mar 02-05, snowstorm/blizzard, esp. MN (7), NE (1), ND (5), SD (7-8) --20-21
5546. 1966 -- Mar 03, tornado, Hinds/19 (Jackson), Rankin/6, Scott/26, Leake/6 counties, MS--57
5547. 1966 -- Mar 05, air turbulence/BOAC plane breakup/crash, Mount Fuji, Japan--124/US89
- 1966 -- Mar 07, two car collision, US Highway 61 north of St Paul, MN -- 7
5548. 1966 -- Mar 22-24, Midwest blizzard/snowstorm, esp. NE (21) IA (6-7) MN (6-9)--41-46
5549. 1966 -- Apr 04, tornado deaths, Pinellas/3, Polk/8, Hillsborough, Osceola counties, FL--11
5550. 1966 -- Apr 09, USN Orion P-3A auto-pilot loss/crash, Pacific 187m off San Diego, CA--11
5551. 1966 -- Apr 22, pilot heart attack/crash, American Flyers Air 280/D, ~Ardmore, OK-- 83
5552. 1966 -- Apr 24, 28-30, May 4, TX flash flooding, esp. northeast, esp. north Dallas TX--25
- 1966 -- Apr 30, head-on collision; car with teens and family station wagon, Elsie, OR-- 8
5553. 1966 -- May 04, US Army Chinook helicopter rotor loss, crash, ~Di Linh, So. Vietnam--all 21
5554. 1966 -- May 18, USAF KC-135 Stratotanker takeoff crash, Kadena Airbase, Okinawa--12
5555. 1966 -- June 08, tornadoes, Topeka vicinity (16), and Leavenworth County (1), KS-- 17
5556. 1966 -- June 16, collision/explosions/fire, *Texaco Mass./Alva Cape*, tugs, off NYC<sup>132</sup>-- 33

<sup>131</sup> We note below three separate winter weather events, each most likely contributing to excessive cold/exposure deaths. The Jan 26-Feb 2 series of storms/weather resulted in 46 such deaths that we specifically know of.



5557.	1966	-- July 03, two cars collide, Ajo Highway ~12 miles west of Three Points AZ--all 10	
	1966	-- July 14, Richard Speck murder of student nurses, dorm room, Chicago, IL --	8
5558.	1966	-- Aug 01, Charles Whitman killing spree, Univ. TX-Austin Tower Sniper <sup>133</sup> --16-17	
5559.	1966	-- Aug 06, Braniff Flight 250 breaks apart in flight, Falls City, NE	-- 42
5560.	1966	-- Sep 12, arson fire, Lane Hotel, Anchorage, AK	-- 14
5561.	1966	-- Oct 01, West Coast Air 956 crash, Salmon Mountain, near Wemme, OR	-- 18
5562.	1966	-- Oct 08, petroleum helicopter rotor failure/crash into Gulf ~Morgan City, LA--	11
5563.	1966	-- Oct 17, fire, floor collapse, firefighters killed, Mercantile Building, NYC, NY--	12
5564.	1966	-- Oct 26, USS <i>Oriskany</i> fire, lit magnesium flare in flare locker, off Vietnam--	44
5565.	1966	-- Nov 1-4, wildfires, Angeles Nat. For./12, Camp Pendleton/5, Oroville/1, CA--	18
	1966	-- Nov 06, rowhouse fire, West Franklin Street, West Baltimore, MD	-- 8
5566.	1966	-- Nov 11, USAF Constellation plane crash, Atlantic, east of Cape Cod, MA	-- 19
	1966	-- Nov 18, USAF B52 low level flight/hits trees/crashes, S of Stone Lake ~Hayward WI--	9
5567.	1966	-- Nov 23-25, Thanksgiving weekend smog, New York City, NY	-- 168
5568.	1966	-- Nov 26, USAF C-47D loses left engine power, crashes ~Saigon, Vietnam--all	25-27
5569.	1966	-- Nov 29, <i>Daniel J. Morrell</i> (Cleveland) breaks/sinks, Lake Huron storm, off MI--	28
5570.	1966	-- Dec 12, US Navy Sea Knight helicopter crash 34 miles off San Diego, CA--all	10
5571.	1966	-- Dec 20, Executive Aviation Lodestar out of San Fran., CA crash ~San Felipe, MX--	10
5572.	1966	-- Dec 28, train hits stalled oil tank truck at RR crossing, Fire, Everett, MA	-- 13
	1966	-- Dec 28, family farmhouse fire, Panton, VT	-- 6
5573.	1967	-- chickenpox	-- 118
5574.	1967	-- diphtheria	-- 32
5575.	1967	-- excessive natural cold	-- 327
5576.	1967	-- excessive natural heat	-- 96
5577.	1967	-- infectious hepatitis	-- 844
5578.	1967	-- influenza (as distinguished from pneumonia 55,417)	--1,475
5579.	1967	-- measles	-- 81
5580.	1967	-- meningococcal infections	-- 635
5581.	1967	-- mumps	-- 37
5582.	1967	-- polio, acute and late effects of	-- 121
5583.	1967	-- rubella (German measles)	-- 16
5584.	1967	-- scarlet fever and streptococcal sore throat	-- 47
5585.	1967	-- syphilis	--2,381
5586.	1967	-- tuberculosis	--6,901
5587.	1967	-- typhoid fever	-- 12
5588.	1967	-- whooping cough	-- 37
5589.	1967	-- Jan 06, USN P5M Marlin crash near entrance of Manila Bay, Philippines --all	10
	1967	-- Jan 06, suicide and homicide bomb explosion, Orbit Inn Motel, Las Vegas, NV--	6
	1967	-- Jan 8, USN plane crash after takeoff from Andrews AFB, Upper Marlboro MD--	9
5590.	1967	-- Jan 26-27, Midwest blizzard/snow, IL/~60 esp. Chicago, IN/15 MI/22 OH/5 WI/5--	94-107
5591.	1967	-- Feb 07, Dale's Penthouse Restaurant fire, Montgomery, AL	-- 25
5592.	1967	-- Feb 15, Lone Star Army Ammunition Plant explosion, near Texarkana, TX--	11

<sup>132</sup> Thirty-three deaths on June 16 (tanker *Alva Cape*, 19; tug *Esso Vermont*, 8; tanker *Texaco Massachusetts*, 3; and tug *Latin American*, 3; four more on June 28 while the *Alva Cape* was being unloaded at Gravesend Bay.

<sup>133</sup> Whitman killed his wife and mother in Austin and then 14 people at the University, prior to his being killed.

5593. 1967 -- Feb 17, Int. Latex Corp., starch dust explosion and fire, Hawthorne, NJ -- 11
5594. 1967 -- Mar 05, Lake Central Air 527 right engine failure/crash ≈Marseilles, OH -- 38
5595. 1967 -- Mar 09, midair collision, TWA flight 553 (25), Beechcraft (1), Urbana, OH-- 26
5596. 1967 -- Mar 10 USN DC-3 wing failure/crash, admin. flight ~Phan Rang Vietnam--all 25
5597. 1967 -- Mar 30, Delta Air 9877 training crash into motel complex/13, Kenner, LA -- 19
5598. 1967 -- Apr 21, tornadoes, Northern IL, esp. Oak Lawn area (33) and Belvidere (24)-- 58
5599. 1967 -- Apr 25, USAF Super Constellation engine fire and crash off Nantucket Isl., MA--15
5600. 1967 -- Apr 28, USN P3A Orion patrol flight lost at sea off Tsushima Isl., Japan --all 12
5601. 1967 -- Apr 30, MN tornadoes, esp. Freeborn (7 deaths), and Waseca (6) counties MN-13
5602. 1967 -- June 08, USS *Liberty* attacked by Israeli air and naval craft, ~Sinai Peninsula-- 34
5603. 1967 -- June 17, USAF C-130 aborted take-off crash, An Khe airstrip, So. Vietnam-- 35
5604. 1967 -- June 23, station wagon/10 runs stop sign, hits asphalt tanker truck, Hardeeville, SC-10
5605. 1967 -- June 23, plane fire and crash, Mohawk Air Flight #40, near Blossburg, PA-- 34
5606. 1967 -- June 23, USMC helicopters collide, New River Marine Corps Air Fac., NC-- 22
- 1967 -- July 04, fire, four-room rural shanty family residence, Oxford, ME -- all 8
5607. 1967 -- July 12-17 (esp. 13<sup>th</sup>), police violence and racial rioting, Newark, NJ<sup>134</sup> --23-26
5608. 1967 -- July 16, riot and fire, State Prison Road Camp 12 barracks, Jay, FL -- 38
5609. 1967 -- July 19, Piedmont flight 22 (79) & Cessna 310 (3) collide, Hendersonville NC-82
5610. 1967 -- July 23-26, Detroit racial riots and excessive use of Governmental force, MI-- 43
5611. 1967 -- July 29, USS *Forrestal* jet rocket fires/hits plane/fire/explosions, Tonkin Gulf, Vietnam-134
5612. 1967 -- Sep 20-22, Hurricane Beulah, flooding, tornadoes, Brownsville & SW TX--12-18
5613. 1967 -- Oct 08, USAF turboprop flies into mt. near Huong Thuy, South Vietnam --all 23
5614. 1967 -- Oct 9, freighter *Panoceanic Faith* founders/storm, 870m SW of Kodiak, AK--36-37
5615. 1967 -- Nov 20, TWA flight 128 night approach crash, poor visibility, Constance KY--70
- 1967 -- Dec 10, Otis Redding Enterprises Beechcraft crash, Lake Monona, Madison WI--7
5616. 1967 -- Dec 13-20, snowstorms, AZ NM TX ND SD UT, esp. Navajo Res. AZ/NM/UT--34-51
5617. 1967 -- Dec 14, USN P2V-7 Neptune plane crash ~Sea Otter Glacier, Mt. Fairweather, AK-14
5618. 1967 -- Dec 15, Silver Bridge collapse, 37 vehicles fall, OH Riv., Point Pleasant, WV-46
5619. 1968 -- chickenpox; ICD-8 code 052; esp. NY/10, TX/9, CA/8, MI/OH/PA/6 each-- 99
5620. 1968 -- diphtheria (ICD-8 code 032), esp. TX/11, LA/6, AL/AZ/FL/GA/2, CA/KY/MI/ NM/NY/1-30
5621. 1968 -- excessive natural cold; ICD-8 code E901; esp. NY/34, IL/26, VA/24, PA/23-- 494
5622. 1968 -- excessive natural heat, ICD-8 code E900, esp. NY/22, OH/19, PA/16 CA/15--231
5623. 1968 -- influenza, ICD-8 codes 470-474/death rate 3.5 per 100K, esp. VE/15.0, NE/9.1--7,062
5624. 1968 -- measles, ICD-8 code 055; AL/AZ/CA/CO/IL/MO/NY/NC/OH/OK/OR/PA/RI/SC/TN/TX/WV-24
5625. 1968 -- mumps; ICD-8 code 072; especially CA (5) -- 25
5626. 1968 -- polio; ICD-8 codes 040-044; esp. CA/15, TX/12, NY/8, OH/8, MI/7, FL/6-- 130
5627. 1968 -- rubella (German measles), ICD-8 code 056, esp. CA (5) -- 24
5628. 1968 -- tuberculosis, US death rate 3.2 per 100K, esp. DC/10.9 AZ/6.2 AL/6. WV/6.--6,292
5629. 1968 -- typhoid/paratyphoid fever; ICD-8 code 001-2; CA/DC/GA/IL/MD/NJ/NM/NC/OK/TX/WV--12
5630. 1968 -- whooping cough/pertussis; ICD-8 code 033; especially TX (8) -- 36
5631. 1968 -- Jan 8, USMC helicopter flies into mountain, fog/light rain, ~Quang Tri, S. Vietnam--all 42
5632. 1968 -- Jan 09, fire, paper box factory and tenement building, Brooklyn, NY -- 13
5633. 1968 -- Jan 10, USN C54 plane crash, turbulent weather, Mt. Tobin, Copper Canyon, NV--all 19

<sup>134</sup> One death was a drug overdose. Have not been able to determine why this was attributed to the rioting. There were twenty-three shooting deaths, an allegedly riot-related heart attack, and a vehicular related death.

- 1968 -- Jan 10, natural gas explosion demolishes two adjoining homes, Reading, PA-- 9
5634. 1968 -- Jan 16, US Navy P3A Orion crash in snowstorm on Mt. Kamegamori, Japan-- 12
5635. 1968 -- Jan 17, USAF Stratotanker takeoff plane crash in snowstorm, Minot AFB, ND--all 13
5636. 1968 -- Feb 11, home fire (overheated coal stove?), Franklin, PA -- 11
5637. 1968 -- Feb 16, arson fire, Randolph Tavern, Moberly, MO -- 12
5638. 1968 -- Mar 06, Cargill Salt Mine shaft fire, CO asphyxiation/20, Belle Isle, LA -- 21
5639. 1968 -- Mar 07, wrong-side/intoxicated driver's auto hits bus, fire, I-15, Baker, CA-- 20
- 1968 -- Mar 13, Mead Paper Co. landing crash, icy runway, Wood Co. AP ~Parkersburg WV--6
5640. 1968 -- Mar 16, collision, SS *African Star* & barge *Intercity No. 11*, MS River, LA- - 21
- 1968 -- Mar 17, Beechcraft with HS cheerleaders landing crash in crosswind, Rapid City, SD--9
- 1968 -- Mar 19, Beechcraft plane crash in foggy weather, Terrible Mt., near Weston VT--7
- 1968 -- Mar 26, Jackson Hotel fire (inebriated woman with lit cigarette), Omaha, NE-- 5
5641. 1968 -- Apr 03, tornadoes, AR (6), KY (2), TN (4) -- 12
5642. 1968 -- Apr 04-11, Martin Luther King Jr. assassination rioting, esp. Chicago, DC-- ~46
5643. 1968 -- Apr 06, Marting Arms gas & gunpowder explosions, fires, Richmond, IN -- 41
5644. 1968 -- Apr 19, tornado, F4, Greenwood, Sebastian County, AR -- 14
5645. 1968 -- Apr 23, tornadoes, MI, TN and especially KY (5) and OH (9) -- 14
5646. 1968 -- May 03, Braniff flight 352 crash (turbulent weather/wing failure) ~Dawson TX-- 85
5647. 1968 -- May 15, tornadoes, esp. AR/45, IA/18, IL/8; also, IN, KS, OH, MO -- 71
5648. 1968 -- May 21, last com., US nuclear submarine *Scorpion*, on bottom 400M W. of Azores--99
5649. 1968 -- May 22, Los Angeles Air helicopter rotor detachment/crash, Paramount, CA--all 23
5650. 1968 -- June 25, three US Army helicopters collide, ~Bearcat, South Vietnam --29/US 12
5651. 1968 -- July 18, fire, dwelling (9 children, 2 adults), St. Albans section, Queens, NY-- 11
5652. 1968 -- July 28, USAF C-124A Georgia Reserve plane crash 50M NW of Recife, Brazil--10
5653. 1968 -- Aug 10, Piedmont Air 230 landing crash in heavy fog, Charleston, WV -- 35
5654. 1968 -- Aug 14, Los Angeles Airways helicopter rotor failure/crash, Compton CA --all 21
5655. 1968 -- Aug 31, In-Crowd Lounge/apartment fire (arson?) (9 children), Gary, IN -- 13
5656. 1968 -- Sep-Mar, 1969, A2 "Hong Kong" influenza and pneumonia epidemic --33,800
5657. 1968 -- Sep 24, USAF Stratotanker engine problem, crash landing at Wake Island AP--11
5658. 1968 -- Oct 3, USAF transport & US Army helicopter collide over Camp Evans, S. Vietnam--all 24
5659. 1968 -- Oct 21, USAF transport plane engine loss/crash ~Ban Me Thuot, S. Vietnam--all 23
5660. 1968 -- Oct 25, Northeast Air 946, approach crash in fog, Moose Mt., ~Hanover, NH-- 32
5661. 1968 -- Nov 20, Consol 9 coal mine explosions (unknown cause), Farmington, WV-- 78
5662. 1968 -- Dec 2, Wien Consolidated Air #55 loses wing/turbulence/crashes, Pedro Bay, AK--39
5663. 1968 -- Dec 7, USCG *White Alder* sunk, collision with SS *Helena*, Head of Passes, MS Riv., LA--17
5664. 1968 -- Dec 12, Pan Am 217, from NYC, crashes into sea off Caracas, Venezuela--51/US 21
- 1968 -- Dec 14, USAF C119 Roosevelt Roads NAS takeoff plane crash ~San Juan, PR--8
5665. 1968 -- Dec 24, Allegheny Air 736 night approach crash in snowstorm, Bradford PA-- 20
5666. 1968 -- Dec 27, fire, North Central Air 458 hits hangar taxiing in fog, O'Hare AP, IL--28
5667. 1969 -- chickenpox; ICD-8 code 052; especially FL (7), CA, MO, NJ, NY (5 each)-- 81
5668. 1969 -- diphtheria (ICD-8 code 032), esp. TX/8, LA/4, WA/3 AZ/CA/FL/SC/2, NY/OR/1--25
5669. 1969 -- excessive natural cold; ICD-8 code E901; esp. IL/33, MI/MN/NY 21 each -- 424
5670. 1969 -- excessive natural heat, ICD-8 code E900, especially CA/36, TX/28, AZ/22-- 271
5671. 1969 -- influenza, ICD-8 codes 470-474/death rate 2.96 per 100K, esp. KS/7., SC/6., MT/6.--5,971
5672. 1969 -- measles/rubeola; ICD-8 code 055; esp. IL/TX/VA (4 each), AZ/CA/IA (3 each)--41

5673. 1969 -- malaria, ICD-8 codes 084.0-084.9; CA/PA/WI (2 each), CT/FL/MI/TN/TX/1 ea--11  
5674. 1969 -- mumps; ICD-8 code 072; especially NY (4) -- 22  
5675. 1969 -- polio; ICD-8 codes 040-044; especially CA/17, OH/10, FL/8, TX/7, MO/WI--110  
5676. 1969 -- rubella (German measles), ICD-8 code 056, esp. CA/5, NY/4 -- 29  
5677. 1969 -- tuberculosis, US death rate 2.76 per 100K, esp. DC/9.6, AZ/6.0, AL/5.9 --5,567  
5678. 1969 -- whooping cough/pertussis; ICD-8 code 033; TX/4, AZ/CA/CO/IL/KY/MS/TN/VA/WI/1-- 13  
5679. 1969 -- Jan 06, Allegheny Airlines Flight #737 crash on approach,, Bradford, PA -- 11  
5680. 1969 -- Jan 13, SAS Flight #933 plane crash on approach, Santa Monica Bay, CA -- 15  
5681. 1969 -- Jan 14, rocket explosions/fire on USS *Enterprise*, off Pearl Harbor, Hawaii-- 28  
1969 -- Jan 18, Carrie Weaver Nursing Home fire, Greenville, MS -- 7  
5682. 1969 -- Jan 18, United Airlines 266 system failure and crash, Santa Monica Bay, CA-- 38  
5683. 1969 -- Jan 18-26, storms, flooding, mudslides, vehicle deaths, Southern CA -- 97-103  
1969 -- Jan 20, bulldozer rescue drownings, Sespe Creek, Los Padres Nat. For., CA<sup>135</sup>-10  
1969 -- Jan 21, USAF B52 takeoff crash, incorrect trim, 1M from Minot AFB, ND-- all 6  
5684. 1969 -- Jan 23, tornado, esp. Copiah/11, Simpson/12, Smith/9 Counties, central MS-- 32  
5685. 1969 -- Feb 05, USAF HC-130 rescue plane crash into sea ~100M south of Taiwan-- 13  
5686. 1969 -- Feb 5, Angeles Flying Service takeoff plane crash, Clallam Co. AP, Port Angeles WA-10  
5687. 1969 -- Feb 18, Hawthorne NV/Mineral County Air 708 plane crash, Mt. Whitney, CA--all 35  
5688. 1969 -- Feb 22-25, heavy rain/flooding/mudslides, esp. Orange Co., southern CA -- 18  
5689. 1969 -- Feb 25, fire, Rosen Architectural Office, Fifth Ave., Manhattan, NYC, NY-- 11  
5690. 1969 -- Mar 05, PR Int. Airlines approach crash, Sierra de Luquillo Mts., San Juan, PR-- 19  
5691. 1969 -- Mar 08, USAF C130 crash short of runway, Ching Chuan Kang AB, Taiwan-- 12  
5692. 1969 -- Mar 20, Avion Charter plane approach crash in fog, fire, New Orleans IAP, LA--16  
5693. 1969 -- Apr 05, gasoline explosion and fire, home, Oakwood Bayou community, AR-- 10  
5694. 1969 -- Apr 6, collision/explos./fire *Union Faith* & barge, MS Riv., New Orleans LA--25  
5695. 1969 -- Apr 06, fire, wood-frame tenement/apartment house, Bridgeport, CT -- 11  
5696. 1969 -- Apr 15, USN EC-121M patrol plane shot down by No. Korea MiGs, Sea of Japan- 31  
5697. 1969 -- Apr 25, USAF Lockheed EC-121 crash after takeoff, severe wind ~Korat Airbase, Thailand-18  
1969 -- May 25, CA racing schooner yacht *Goodwill* wrecks on reef off Baja CA, MX-- 9  
5698. 1969 -- June 03, *USS Frank E. Evans* cut in half by Aus. carrier *Melbourne*, S. China Sea--74  
5699. 1969 -- June 03, apartment house fire, Kansas City, MO -- 12  
1969 -- June 04, speeding car collides with family car, near Slippery Rock, west PA-- 6  
5700. 1969 -- June 5, USAF reconnaissance plane crash (structural?), Bering Sea off Shemya, AK-19  
5701. 1969 -- June 08, arson (patricide), Bailey family home fire, Parkersburg, WV -- 12  
5702. 1969 -- June 14, private Beechcraft (4) and Piper (5) collide in haze, off Waterford CT--9  
5703. 1969 -- June 23, Dominicana de Aviacion 401 takeoff, engine fire, street crash ~Miami IAP, FL--10  
5704. 1969 -- July 04, thunderstorms/flooding, strong wind/tornadoes, esp. north-central OH-42  
5705. 1969 -- July 06, Air South Flight 168 system failure and crash, near Monroe, GA -- 14  
5706. 1969 -- July 10, fire, farm dwelling (laundry room), Posen, Presque Isle County, MI-- 10  
5707. 1969 -- Aug 04, USN C47 plane crash, Andes Mountains near Los Quenes, Chile --all 16  
5708. 1969 -- Aug 06, MN tornadoes, especially Roosevelt Lake area (11), MN -- 15  
5709. 1969 -- Aug 17-20, Hurricane Camille, esp. So. MS, So./SE LA, Nelson Co. VA-299-335  
5710. 1969 -- Aug 19-20, Camille remnant, flash flooding/mudslides, esp. Nelson Co., VA~153  
5711. 1969 -- Sep 09, Allegheny Air Flight 853 collision with Forth Piper, Fairfield, IN -- 83  
5712. 1969 -- Oct 2, USN C-2A transport plane apparent engine failure/crash, Gulf of Tonkin-26

<sup>135</sup> This is a subset of the Jan 18-26, 1969 southern California storms, flooding, and mudslides, noted above.

5713. 1969 -- Oct 26, drag-racing car hits stopped car with 9 churchgoers, Indianapolis, IN-- 9  
5714. 1969 -- Nov 19, Mohawk Airlines 411 missed approach crash, ~Glen Falls, NY -- 14  
1969 -- Nov 29, multiple vehicles collide in fog, fires, NJ Turnpike ~Swedesboro, NJ-- 6  
5715. 1969 -- Dec 05, Lockheed Lodestar plane structural failure/crash ~Albuquerque, NM-- 11  
1969 -- Dec 14, Order of Eastern Star charter bus skids off icy road, Gap ~Lancaster, PA--7  
5716. 1969 -- Dec 18, tenement fire/faulty Christmas tree lights, Bushwick/Brooklyn NY-- 9-10  
5717. 1969 -- Dec 22, USN jet engine failure; crash kills ground personnel, Miramar NAS, CA--14  
5718. 1969 -- Dec 26, USN Charter *Badger State* explos./liferaft hit by falling bomb, N. Pacific-- 26
5719. 1970 -- chickenpox; ICD-8 code 052; especially CA/10, NY/9, TX/7, MI/6 -- 93  
5720. 1970 -- diphtheria (ICD-8 code 032), esp./ TX/6, AZ/5, LA/4K, CA/3, GA/2, MT/2-- 30  
5721. 1970 -- excessive natural cold; ICD-8 code E901; esp. IL/26, VA/25, NY/24 -- 466  
5722. 1970 -- excessive natural heat, ICD-8 code E900, esp. CA/17 TX/16 AZ/15 WI/14-- 179  
5723. 1970 -- influenza, ICD-8 codes 470-474/death rate 1.82 per 100K, esp. VT/7.6, ME/5.6, MS/5.2-3,707  
5724. 1970 -- measles/rubeola; ICD-8 code 055; esp. TX/17, IL/9, OH/6, FL/5 -- 89  
5725. 1970 -- mumps; ICD-8 code 072; MI/NY/NC/2 ea., AR/CA/IL/ME/ND/OH/TX/VA/WA/WI/1 ea.-16  
5726. 1970 -- polio; ICD-8 codes 040-044; especially CA/17, NY/14, TX/13, MI/9, FL/7-- 128  
5727. 1970 -- rubella (German measles), ICD-8 code 056, esp. TX/6 CA/3 AR/OH/WA/2 ea.-- 31  
5728. 1970 -- tuberculosis, US death rate 2.56 per 100K, esp. DC/6.8 AL/5.0 WV/4.5 KY/4.3--5,217  
5729. 1970 -- whooping cough/pertussis; ICD-8 code 033; CA/3, IL/IN/KY/MS/NC/OR/PA/SC/TX--12  
5730. 1970 -- Jan-Feb, excessive rain & snow; drowning/traffic deaths, north / central CA-- 18  
5731. 1970 -- Jan 06-12, cold Wave/snow/ice, esp. east of Rockies, esp. IN/13, SC, TN/15-79-81  
5732. 1970 -- Jan 09, fire (cigarette), Harmer House Convalescent Home, Marietta OH<sup>136</sup>--31-32  
5733. 1970 -- Mar 20, arson fire, Ozark Hotel, Westlake Ave./Lenora St., Seattle, WA -- 20  
5734. 1970 -- Apr 10, USAF C130 Hercules crash after takeoff Naha US Air Base, Okinawa-11  
5735. 1970 -- Apr 17-18, tornadoes, TX Panhandle, esp. Sherwood Shores, Donley Co., TX--22-23  
5736. 1970 -- Apr 21, Japanese fishing boat *Nitto Maru No 67* capsized/sank ~20m off Unimak Isl., AK-17  
5737. 1970 -- May 2, Overseas Nat. Airways 980 ditched, out of fuel ~St. Croix, Virgin Isl.--23  
5738. 1970 -- May 04, USAF Convair T-29D plane crash after takeoff ~Hamilton AFB, CA--13  
1970 -- May 04, Kent State U. demonstrators shot by Ohio National Guardsmen, OH-- 4  
5739. 1970 -- May 11, F5 tornado, Lubbock, TX -- 26  
1970 -- June 08, TNT explosion, demolition trng., Green Berets killed, Fort Bragg, NC--7  
5740. 1970 -- July 05, Air Canada Flight 621 plane crash near Toronto, Canada--24 (US) of 109  
1970 -- July 15, Long Is., NY Hillel Day Sch. charter bus wreck ~New Smithville, PA-- 7  
1970 -- July 31, USAF C130 Hercules crashed/burned .9 miles SW of Piggott, AR-- all 6  
5741. 1970 -- Aug 3, storm/lightning, Navy P3A Orion turbulence breakup ~Searchlight NV-10  
5742. 1970 -- Aug 03-4, Hurricane Celia, So. TX (15), esp. Corpus Christi & off FL (14)<sup>137</sup>--29  
5743. 1970 -- Aug 05, fire, Pensioner Rooming House, E. Hennepin, Minneapolis, MN --11-12  
5744. 1970 -- Aug 9, LANSAs 502 takeoff crash (49 US HS students) ~Cuzco AP, Peru--54-55US of 101  
5745. 1970 -- Aug 26, AK Air Nat. Guard C124 flies into side of Pavlof Volcano, AK -- all 7  
5746. 1970 -- Sep 04-06, heavy rain, flash flooding, AZ (26), CO, NM, UT (2, AZ couple)-- 28  
5747. 1970 -- Sep 08, crash on takeoff, Trans International Airlines 893, JFK AP, NY -- 11  
5748. 1970 -- Sep 13, fire, Ponet Square Hotel and Apartments, Los Angeles, CA -- 19  
5749. 1970 -- Sep 22-Oct 4, CA wildfires (some arson), esp. Laguna Fire, esp. Southern CA--13-16

<sup>136</sup> 32 deaths was initial finding. Later it was thought one might have been due to unspecified natural causes.

<sup>137</sup> There were also 5 fatalities in Cuba.

5750. 1970 -- Oct 2, Golden Eagle Aviation charter crash, WSU FB team, w. of Silver Plume, CO--32
5751. 1970 -- Oct 02, USAF C-130 transport plane crash into mountain near Taipei, Taiwan--43
5752. 1970 -- Oct 05-10, tropical storm, flooding, Puerto Rico --50-52
- 1970 -- Nov 11, liquid explosives explosion, Pan American Bird Creek test oil well ~Tulsa, OK-- 9
5753. 1970 -- Nov 14, Southern Air 932 (Marshall U.), approach crash/fire, Huntington WV-- 75
5754. 1970 -- Nov 27, Capitol Int. Air (US military contract) takeoff crash, Anchorage, AK--47
5755. 1970 -- Dec 20, arson fire, Pioneer International Hotel, Tucson, AZ -- 29
5756. 1970 -- Dec 30, Finley Coal Co. No. 15 & 16 explosion ignites coal dust, Hyden, KY--38
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5757. 1971 -- chickenpox; ICD-8 code 052; especially CA/16, TX/9, IL/6, NY/6 -- 98
5758. 1971 -- diphtheria (ICD-8 code 032), AK/CA/LA/TX 2 each, FL/GA/KS/MN/PA 1 ea--13
5759. 1971 -- excessive natural cold; ICD-8 code E901; esp. NM/21, IL/20, NC/19, MN/NC/18-361
5760. 1971 -- excessive natural heat, ICD-8 code E900, especially CA (17) -- 112
5761. 1971 -- influenza, ICD-8 codes 470-474/death rate 0.73 per 100K, esp. ME/2.9, NE/WA1.9--1,504
5762. 1971 -- measles/rubeola; ICD-8 code 055; esp. MO/10, TX/8, PA/7, AL/5 KY/5 OH/5-- 90
5763. 1971 -- mumps; ICD-8 code 072; AL, CA, ID, IL, IN KS MS NE NJ NY OR TN TX-- 15
5764. 1971 -- polio; ICD-8 codes 040-044; especially CA/13, NY/11, TX/8, PA/7, NC/5-- 108
5765. 1971 -- rubella/German measles; ICD-8 code 056; AL CA GA HI IL IN IA LA MA NC OK PA TN TX-- 20
5766. 1971 -- tuberculosis, US death rate 2.18 per 100K, esp. DC/5.8 AL/4.1 TN/3.5 AZ/3- -4,501
- 1971 -- whooping cough/pertussis; ICD-8 code 033; KY/4, LA/OK/TX/2, AL/GA/IA/MS/NY/OH/SC/1-- 18
5767. 1971 -- Jan 2-4, snowstorm/blizzards, Rockies to Great Lakes, esp. IA/31, NE/11, IL, WI-65-77
- 1971 -- Jan 3, wrong-way car/3 and station wagon/5 collide, I-74, near Shelbyville, IN-- 8
- 1971 -- Jan 07, USAF B52 crash off Big Rock Pt. ~Charlevoix, Little Traverse Bay, MI-9
5768. 1971 -- Jan 14, fire, Westminster Terrace Presbyterian Nursing Home, Buechel, KY-- 10
- 1971 -- Jan 25, construction failure, 16-story apartment building, Boston, MA -- 4
- 1971 -- Feb 03, Newberry Flying Service crash, overshoot runway, Columbia, SC -- all 6
5769. 1971 -- Feb 03, Thiokol Chemical Plant fire, trip flares explode, Woodbine, GA -- 29
5770. 1971 -- Feb 08-09, snowstorm/arctic cold, Midwest, East, New England, esp. OH -- 19
5771. 1971 -- Feb 9, mag. 6.6 San Fernando/Sylmar Earthquake, San Fernando area, CA--64-65
5772. 1971 -- Feb 21, tornadoes, Delhi LA/11; MS/110, esp. Pugh City/22, Inverness/19, Cary/14-121
5773. 1971 -- Feb 25-May 21, Juan Corona migrant farm worker killings, ~Yuba City, CA-- 25
- 1971 -- Feb 26, Florida Community Bank Volpar missed approach crash, Columbia SC--8
- 1971 -- Mar 06, Beechcraft Bonanza crash, final approach turn (icing?), Harrison, AR-- 6
5774. 1971 -- Mar 27, storm, tanker *Texaco Oklahoma* breaks-up/sinks, off Cape Hatteras, NC--31
- 1971 -- Apr 02, chemicals transferring from truck to a tank react, fumes, Berwick, ME--6
- 1971 -- Apr 6, car with US Coast Guardsmen, goes into Curtis Creek ~Glen Burnie, MD--6
5775. 1971 -- Apr 25, fire, Seventh Avenue Apartments building, Seattle, WA -- 12
5776. 1971 -- Apr 27, tornadoes, KY/9 (particularly Mt. Pleasant Church area/6), IL (1) -- 10
5777. 1971 -- May 6, Apache Airlines Carstedt jetliner, wing failure/crash Coolidge, AZ--all 12
- 1971 -- June 04, car hits semi-trailer carrying dynamite, fire, explosion, ~Waco, GA-- 6
5778. 1971 -- June 06, Hughes Air 706 & USMC Phantom II jet collision,, near Duarte, CA--50
5779. 1971 -- June 07, Allegheny Airlines 485 approach crash in fog, New Haven, CT -- 28
5780. 1971 -- June 10, Amtrak train derails, northbound City of New Orleans, ~Salem, IL-- 11
5781. 1971 -- June 13, USAF C-135B monitoring French nuclear test, crashes, No. Pacific-all 24
- 1971 -- June 14, "dope den" "execution style" shootings, motel room, Detroit, MI -- 8
5782. 1971 -- June 24, gas explosion, California Water Project tunnel under const., Sylmar, CA-17

5783. 1971 -- June 27, takeoff crash, Shelter Cove Sea Park Co. plane, Shelter Cove, CA-- 17  
 1971 -- July 23, fire, Howard Johnson's Motor Lodge, New Orleans, LA -- 6
5784. 1971 -- Aug 01, thunderstorm and flooding, metropolitan Baltimore and vicinity, MD--14
5785. 1971 -- Aug 18, USAF Chinook helicopter loses blade/crashes ~Pegnitz, W. Germany-37
5786. 1971 -- Sep 04, Juneau approach crash, Alaska Air 1866, Mt. Fair (Chilkats), AK -- 111
5787. 1971 -- Sep 09-13, Attica prison riot / government re-taking of prison, Attica, NY -- 39  
 1971 -- Sep 15, Lil-Haven Nursing Home fire & suffocations, Salt Lake City, UT -- 6  
 1971 -- Sep 25, Mantwo Inc Beechcraft takeoff crash, Gen. Mitchell Field, Milwaukee WI--6
5788. 1971 -- Oct 16, Scenic Air Cessna 402 plane crash/adverse weather, Peach Springs, AZ-10
5789. 1971 -- Oct 19, fire, Geiger Nursing Home (sedated patients), Texas Township, PA --all 15
5790. 1971 -- Oct 21, Chicago & Southern Airlines 804 approach crash in fog, Peoria IL--all 16
5791. 1971 -- Nov 12, USAF Lockheed C-130 takeoff plane crash/fire, Little Rock AFB, AR-10
5792. 1971 -- Dec 11, nat. gas explos., Lake Huron water tunnel const. proj., Port Huron, MI-22
5793. 1971 -- Dec 12, USN C2 Greyhound out of Cubi Point NAS Philippines crash at sea --all 10
5794. 1972 -- chickenpox; especially CA/12, NY/12 OH/12 TX/10 NJ/8 FL/6 MA/6 MI/6-- 122
5795. 1972 -- diphtheria (ICD-8 code 032), AK/2, NE/2, NY/2, WA/4 -- 10
5796. 1972 -- excessive natural cold, ICD-8 code E901, esp. IL/46 NY/36 OH/24 VA/22-- 490
5797. 1972 -- excessive heat; heat as contributing factor, esp. July 12-25 NYC/891, MD/269 --1,324
5798. 1972 -- influenza, ICD-8 codes 470-474/death rate 2.38 per 100K, esp. SD/8.9 ME/8.7--4,986
5799. 1972 -- measles/rubeola; ICD-8 code 055; esp. MS/6 & TX/4; & CA/FL/GA/IL/KY/ME/TN-- 24
5800. 1972 -- mumps; ICD-8 code 072; TX/4, CA/2, IN/2, NY/2, PA/2, UT/2, WV/2 -- 16
5801. 1972 -- polio; ICD-8 codes 040-044; esp. CA/18, FL/6 and NY/6 -- 76
5802. 1972 -- rubella (German measles), ICD-8 code 056, CA IN LA MA NE NY OH 2 each-- 14
5803. 1972 -- tuberculosis, US death rate 2.09 per 100K, esp. DC/4.8 DE/4.2 AL/3.9 NM/3.9 --4,376  
 1972 -- typhoid fever; ICD-8 code 001 (Typhoid fever); MD/2, MI/2, TX/4 -- 8  
 1972 -- whooping cough (pertussis; ICD-8 code 033); NJ/2, SC/2, WA/2 -- 6  
 1972 -- Jan 05, fire, Washington Hotel (transients and the elderly), Toppenish, WA-- 8-9  
 1972 -- Jan 06, home fire from burners on stove, unattended children, Portland, OR--all 7
5804. 1972 -- Jan 16, fire, Pennsylvania House Hotel (residential/transient), Tyrone, PA -- 12
5805. 1972 -- Jan 26, Green Nursing Home fire<sup>138</sup> (10 patients), Lincoln Heights, OH --all 10
5806. 1972 -- Feb 01, gas explosion (lightning?), tanker *V.A. Fogg*, off Galveston, TX -- 39  
 1972 -- Feb 19, USAF C-130 (5) & T-37 (0) planes collide, near Little Rock AFB, AR--5
5807. 1972 -- Feb 26, impound dam failure, Buffalo Coal Mining Co., Buffalo Creek, WV--125
5808. 1972 -- Mar 03, Mohawk Air 405 ILS approach crash, hits house, Albany, NY -- 17  
 1972 -- Mar 24, high school bus fails to stop at crossing, hit by train, ~Congers, NY-- 5
5809. 1972 -- Apr 04, Fair Hills Boarding Home for elderly fire/night/no staff, Rosecrans, WI--10  
 1972 -- Apr 05, tornado, Vancouver, Washington -- 6  
 1972 -- Apr 09, rented Cherokee-6, fam. outing, loses power/crashes ~AP, Fort Payne AL--7
5810. 1972 -- May 02, mine fire, CO asphyxiation, Sunshine Silver Mine, Kellogg, ID -- 91
5811. 1972 -- May 3, TN Air National Guard C124 crash 40M from Zanderij IAP, Suriname--11
5812. 1972 -- May 06, Carver Convalescent Center (nursing home) fire, Springfield, IL -- 10
5813. 1972 -- May 11-12, downpour, flash flooding, So. Central TX esp. New Braunfels TX-18
5814. 1972 -- May 13, Greyhound bus passing a car hits truck, US 11W, Bean Station, TN-- 14
5815. 1972 -- May 29, helicopter carrying oil rig workers crashes, 3 miles south Dulac, LA-- 11

<sup>138</sup> Overheated furnace running on manual rather than automatic (and had not been turned off to cool down).

5816. 1972 -- June 03, Brunswick ME-based US Navy P-3 Orion plane crash, mt., Morocco--14  
5817. 1972 -- June 09-10, downpour/dam failure/flash flood, Black Hills, Rapid City, SD --236-238  
1972 -- June 17, fire/building collapse, 9 firemen killed, Hotel Vendome, Boston, MA-- 9  
5818. 1972 -- June 18-26, Hurricane/Tropical Storm Agnes and flooding, East Coast --145-146  
5819. 1972 -- June 29, North Central Air (5) & Air Wisconsin Inc. (8) collide ~Appleton, WI-13  
1972 -- July 22, Blacksville #1 coal mine fire and asphyxiations, near Blacksville, WV--9  
5820. 1972 -- Aug 16, USCG/NWS fail to warn fishing boats of approaching gale CA/2, OR/11-- 13  
1972 -- Sep 07, Piper Navajo loss of control AP approach crash, near Columbus MS--all 6  
5821. 1972 -- Sep 24, air show plane crash/fire, ice cream parlor, Sacramento, CA --22-23  
5822. 1972 -- Oct 30, rear-end train collision, IL Central Gulf Commuter Rail, Chicago, IL-- 45  
5823. 1972 -- Nov 7, freighter hits Sidney Lanier Bridge, span collapses/cars fall, Brunswick GA-10  
5824. 1972 -- Nov 17, Metro Air Systems plane crash (Richmond KY group), Elkton, KY-- 11  
5825. 1972 -- Nov 30, Baptist Towers Home for Senior Citizens (11 floors) fire, Atlanta GA-10  
5826. 1972 -- Dec 05, USAF C-130/12 crew, collides with SC ANG F-102, ~Conway, SC-- 13  
5827. 1972 -- Dec 08, United Air 533 approach crash, near Midway Airport, Chicago, IL-- 45  
1972 -- Dec 9, natural gas leak explosion, two bldgs. collapse, downtown Clinton, MO--8  
5828. 1972 -- Dec 15, coke oven gas explosion, Koppers Steel, Browns Isl., Weirton, WV-- 19  
1972 -- Dec 16, USCG helicopter with rescued boat crew crashes, Gulf of Mex., off FL-8  
5829. 1972 -- Dec 20, runway collision in fog, North Central & Delta, O'Hare, Chicago IL-- 10  
5830. 1972 -- Dec 20, private Cessna stalls in circling landing approach, Eden Prairie, MN--all 5  
5831. 1972 -- Dec 26, semi-trailer hits church bus, US 60-84 bridge ~Fort Sumner, NM -- 19  
5832. 1972 -- Dec 29, Eastern Airlines Flight #401 plane crash, Everglades, FL -- 101
5833. 1973 -- chickenpox; esp. TX/21, CA/10, IL/10, PA/9, NY/8, IA/7, MA/7, MI/7, MT/5--138  
5834. 1973 -- diphtheria (ICD-8 code 032), CA/2, FL/1, MA/1, NM/2, OR/3, WA/1 -- 10  
5835. 1973 -- excessive natural cold; ICD-8 code E901, esp. NC/33 SC/32 NY/19 AZ/18-- 381  
5836. 1973 -- excessive natural heat; ICD-8 code E900; esp. NY/31 VA/20 PA/16 MD/15 AZ/12--181  
5837. 1973 -- influenza, ICD-8 codes 470-74/death rate 2.4 per 100K, esp. ID/7.4 WY/7.4 WA/7.2--5,131  
1973 -- malaria, ICD-10 Code 084, FA/1, IL/2, IN/1, MI/1, NJ/1, ND/1 -- 7  
5838. 1973 -- measles/rubeola; ICD-8 code 055; esp. CA/2, FL/2, IL/2, MI/2 -- 23  
5839. 1973 -- mumps; ICD-8 code 072; CA/2, 1 each FL ID MN OK OR PA RI TN WA WV-12  
5840. 1973 -- polio; ICD-8 codes 040-044; esp. CA/8, NY/7, TX/6, MA/5, WV/5 -- 93  
5841. 1973 -- rubella (German measles), ICD-8 code 056, esp. MI (4), CA (3), TX (2) -- 16  
1973 -- scarlet fever, ICD-8 code 034.1; CA/1, IA/1, NV/1, TN/2, TX/1 -- 6  
5842. 1973 -- tuberculosis, US death rate 1.84 per 100K, esp. DC/5.0 TN/2.9 AL/2.8 WV/2.8 --3,875  
1973 -- typhoid fever; ICD-8 code 001 (Typhoid fever); IN/1 MO/3 NY/1 OH/1 TN1-- 7  
1973 -- whooping cough (pertussis; ICD-8 code 033); CA/1, MI/1, NC/1, SC/1, TX/1-- 5  
5843. 1973 -- Jan 29, arson fire, Street's Sheltered Care Rest Home, Pleasantville, NJ -- 10  
5844. 1973 -- Feb 02, natural gas explosion, hardware store and cafe, Eagle Grove, IA -- 14  
5845. 1973 -- Feb 06-11, rain, earthslides/1, drownings/3, vehicular/7-12, esp. So. CA --11-16  
5846. 1973 -- Feb 07, US Navy Corsair II jet crash into apartment bldg., fire, Alameda, CA-- 11  
5847. 1973 -- Feb 08-11 snowstorm, SE U.S., AL FL/1 GA/3 LA/1 MS NC/2 SC/12 TX VA-19  
5848. 1973 -- Feb 10, fire/gas explosion/LNG tank, concrete roof falls, Staten Island NY-- 40  
1973 -- Feb 26, bird strike plane crash on takeoff, Peachtree-Dekalb AP, Atlanta, GA-- 7  
5849. 1973 -- Mar 02, Skyline Plaza Apt. bldg. construction failure, Baileys Crossroads, VA- 14  
5850. 1973 -- Mar 08, US Army Golden Knights parachute team plane crash, Silk Hope, NC-14



5851. 1973 -- Mid-Mar-May, flooding, Mississippi River Basin/drainage area --28-33
5852. 1973 -- Mar 31, tornadoes, Rockdale, Walton, Clarke Co's. GA/3, Abbeville Co. SC/7-10
5853. 1973 -- Apr 08-10, Midwest snowstorms/blizzards, IL/2, IA/16, MN/3, WI/20 --41-42
5854. 1973 -- Apr 12, NASA Convair & Navy P-3C Orion planes collide, Sunnyvale, CA-- 16
5855. 1973 -- May 19, unseaworthy fishing boat *Comet* leaks/founders off Point Judith, RI-- 16
5856. 1973 -- May 26, tornadoes, AR/3, Cheney Reservoir KS/3, Keefeton OK/5 -- 11
5857. 1973 -- May 27-28, severe thunderstorms; flash flooding, Western NC --11-12
5858. 1973 -- June 02, *Sea Witch*/3 collides with *Esso Brussels*/13 fire, NY Harbor, NY -- 16
5859. 1973 -- June 24, arson fire, gay UpStairs Cocktail Lounge, New Orleans, LA -- 32
5860. 1973 -- July 05, LP gas RR tank car fire & explosion, Doxel Gas Co., Kingman, AZ-- 13
5861. 1973 -- July 11, fire, apartment building/rooming house, Main St., Worcester, MA-- 10
5862. 1973 -- July 22, Pan Am 816 plunges into sea after takeoff, Papeete, Tahiti--35 U.S. of 78
5863. 1973 -- July 23, Ozark Air 809 ILS approach into downdraft; crash, St. Louis, MO-- 38
5864. 1973 -- July 31, crash, Delta Air #723 into seawall in fog, Logan, Boston, MA -- 89
5865. 1973 -- Aug 28, USAF Military Airlift Command transport crash near Hueva, Spain-- 24
5866. 1973 -- Sep 13, fire, Washington Hill Nursing Home, Philadelphia, PA -- 11
5867. 1973 -- Sep 27, Texas International Air crash using VFR not IFR, Black Fork Mt., AR-11
5868. 1973 -- Sep 29, arson fire, tenement building, Eleventh & Willow, Hoboken, NJ -- 11
5869. 1973 -- Oct 14, USAF F4E jet crash into US Army personnel carrier ~Weissenburg FRG--11  
1973 -- Oct 15, USAF C-130 Hercules flies into fog-shrouded Sugar Loaf Mt., AR-- all 7
5870. 1973 -- Nov 03, bus driver heart attack, charter bus crash, I-880 near Sacramento, CA--13
5871. 1973 -- Nov 15, fire, Stratford Apartments building, Los Angeles, CA -- 25
5872. 1973 -- Dec 04, fire, Caley Nursing Home and Rehabilitation Center, Wayne, PA -- 15
5873. 1973 -- Dec 11, US Navy R6D-1 crash, Great Sitkin Island (Adak approach), AK -- 10
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5874. 1974 -- Chickenpox; US death rate 0.050 per 100K, especially CA/10, MA/7, NY/7-- 106
5875. 1974 -- Cold; ICD-8 code E901, exposure to excessive natural cold, esp. AZ/26, IL/23-- 348
5876. 1974 -- Diphtheria; ICD-8 code 032; CA (1), CO (1), TX (2), WA (1) -- 5
5877. 1974 -- Heat, exposure to excessive natural; ICD-8 code E900; esp. AZ/22 CA/16 TX/11-140
5878. 1974 -- Influenza, ICD-8 codes 470-474, death rate 1.30 per 100K, esp. KS/3.48 --2,201
5879. 1974 -- Malaria; ICD-8 code 084.0-085.5, 084.8 and 084.9; IN, MN, NY, PA 1 each-- 4
5880. 1974 -- Measles/rubeola; ICD-8 code 055; esp. CA/2, NY/2, SD/2, TX/2 -- 20
5881. 1974 -- Mumps; ICD-8 code 072; AL, LA, MA, MO, OR, WA 1 each -- 6
5882. 1974 -- Polio; acute poliomyelitis/ICD-8 codes 040-044; especially CA (10), NY (9)-- 89
5883. 1974 -- Rubella (German Measles), ICD-8 code 056, esp. AL (3), AZ (2), MA (2) -- 15
5884. 1974 -- Tuberculosis, US death rate 1.65 per 100K, esp. DC/5.1, KY/2.8, TN/2.6 --3,513
5885. 1974 -- Whooping Cough (pertussis; ICD-8 code 033.0); esp. CA/2, KY/2, MI/2, NY/3--14
5886. 1974 -- serial killings, Paul John Knowles, FL, OH, NV, TX, AL, VA, GA -- 18
5887. 1974 -- Jan 06, Air East Airlines 317 instrument approach crash, Johnstown, PA -- 12
5888. 1974 -- Jan 15, speeding farm labor bus goes into irrigation ditch, drownings, Blythe, CA--19
5889. 1974 -- Jan 15-Jan 19, 1991, Rader serial murders, Wichita area, Sedgwick Co., KS-- 10  
1974 -- Jan 16, Canyon Mountain landslide, Canyon Pass, Canyonville, OR -- 9
5890. 1974 -- Jan 18, SS *Baune* collides the US tanker *Keytrader*, fire, lower MS Riv., LA-- 16
5891. 1974 -- Jan 24, Vogel Apartment House fire (7 children, 3 adults), Liberty, NY -- 10
5892. 1974 -- Jan 30, Pan Am 806 landing crash and fire, Pago-Pago, American Samoa -- 97
5893. 1974 -- Mar 08, US INS prison van hits parked tractor trailer, I-8, Jacumba Mts., CA-- 13

5894. 1974 -- Mar 13, Sierra Pacific Air Fl. 802 charter crash into Mt. near Bishop, CA --all 36
5895. 1974 -- Apr 03-04, tornadoes, esp. AL/GA/IL/IN/KY/MI/NC/OH/TN/VA/WV --294-342
5896. 1974 -- Apr 9, oil tanker *Elias* explosions unloading at dock, Del. Riv., Fort Mifflin, PA-13
5897. 1974 -- Apr 11, Panorama Air sightseeing plane crash, Mauna Loa, Hawaii Isl., HI-- 11
5898. 1974 -- Apr 22, Pan Am 812, Hong Kong to LA, crash, Mesehe Mt. Indonesia --US 26 of 107
5899. 1974 -- June 08, tornado, esp. Creek County/13, esp. Drumright/12, Osage Co./1, OK--14
5900. 1974 -- June 30, fire of incendiary origin, Gulliver's Discotheque, Port Chester, NY-- 24
- 1974 -- Aug 06, Los Angeles Int. Airport bomb, near Pan Am overseas check-in, CA-- 3
- 1974 -- Aug 09, Piper Comanche charter crash 3/8M NE Jackson Municipal AP, MN-- 6
- 1974 -- Aug 10, Piper Aztec loss of control at too-low altitude, Fergus Falls, MN -- all 8
5901. 1974 -- Aug 25, Washington House Hotel fire, Berkeley Springs, WV -- 12
5902. 1974 -- Sep 08, TWA Flight 841, Tel Aviv to NYC, terrorist bomb, Ionian Sea--US 20 of 88
5903. 1974 -- Sep 11, Eastern Air fl. 212 approach crash in Fog, DAP, Charlotte, NC -- 72
5904. 1974 -- Sep 11, Piper Aztec crash, Austin, MN -- all 6
5905. 1974 -- Nov 30-Dec 2, snowstorms, esp. SE MI/32, Northeast OH/12, West PA/11-- 71
5906. 1974 -- Dec 01, plane crash, TWA Flight #514, flies into Mt. Weather, VA -- 92
- 1974 -- Dec 11, Iowa Aviation Cessna 210L crash on I-20, heavy rain, Brandon MS--all 5
5907. 1975 -- Chickenpox; US death rate 0.039 per 100K, esp. NY/8, CA/6, TX/6, CT/5-- 83
- 1975 -- Diphtheria; ICD-8 code 032, AK (1), AZ (1), VA (1), CO (1), IL (1) -- 5
5908. 1975 -- Exposure to excessive natural cold; ICD-8 code E901; esp. NM/21, MN/20-- 359
5909. 1975 -- Exposure to excessive natural heat; ICD-8 code E900; esp. NY/27, MA/24-- 190
5910. 1975 -- Influenza, ICD-8 codes 470-474, death rate 1.986 per 100K, esp. KS/6.32 --4,277
5911. 1975 -- Measles/rubeola; ICD-8 code 055; especially IL (4), CA (3), TX (3) -- 20
5912. 1975 -- Mumps; ICD-8 code 072; CA, LA, NC, OH, TX, VA, WI and WY 1 each -- 8
5913. 1975 -- Polio (acute poliomyelitis, ICD-8 codes 040-044), especially CA (9), NY (6)-- 78
5914. 1975 -- Rubella/German Measles; ICD-8 code 056; esp. IL/3, LA/3, CA/2, PA/2 -- 21
5915. 1975 -- St. Louis Encephalitis epidemic, IL (47), also MS (13) -- 60
5916. 1975 -- Tuberculosis, US death rate 1.55 per 100K, esp. DC/3.8, KY/2.74, TN/2.7 --3,333
5917. 1975 -- Whooping Cough (pertussis; ICD-8 code 033.0); MO/2 FL GA IL IN MI TX, 1 each--8
5918. 1975 -- Jan 09, Golden West Air 261 (12), and Cessna (2) collide, near Whittier, CA-- 14
- 1975 -- Jan 09, USAF Convair/7 & Cessna/2 collide 4 miles W of Newport News, VA-- 9
5919. 1975 -- Jan 10-12, winter storm/blizzard, esp. IA/15 MN/35 NE/14 ND/12 SD/8 --89-90
5920. 1975 -- Jan 10, tornadoes (8), LA (1 death), MS (9 deaths), AL (1 death) -- 11
- 1975 -- Jan 18, rowhouse fire (cigarette), 7 children/1 adult, Walbrook Ave. Baltimore, MD--8
- 1975 -- Jan 24, terrorism, Fraunces Tavern FALN (Puerto Rico) bomb, NYC, NY -- 4
5921. 1975 -- Jan 31, tanker *Corinthos* explosions/fire; hit by *Queeny*, Del. Riv. Marcus Hook PA-26
5922. 1975 -- Mar 20, USAF transport plane crash, Olympic Nat. Park, Mt. Constance, WA--16
5923. 1975 -- Mar 30, mass murder, James Ruppert shoots relatives, Hamilton, OH -- 11
5924. 1975 -- Apr 4, USAF C5A Operation Babylift crash ~Tan Son Nhut AB, Vietnam--50-52US of 155
5925. 1975 -- Apr 29, Surtigas, S.A. LPG tank truck crash/explosion/fire, ~Eagle Pass, TX-- 16
5926. 1975 -- May 13-14, US freighter *Mayaguez* rescue mission, Koh Tang Isl., Cambodia--41
- May 13, USAF helicopter crash, *Mayaguez* support mission, Thailand --23
- May 14, USAF helicopter crash (*Knife 21*), Koh Tang Island, Cambodia -- 1
- May 14, USAF helicopter crash (*Knife 31*), Koh Tang Island, Cambodia --13
- May 14, Marine killed in combat with Khmer Rouge, Koh Tang -- 1

- May, captured Marines inadvertently left behind, executed, Cambodia -- 3
5927. 1975 -- June 09, mattress set on fire, spreads, Seminole County Jail, Sanford, FL -- 11
5928. 1975 -- June 24, plane crash, Eastern Airlines flight 66, wind shear, JFK IAP, NY -- 113
5929. 1975 -- July 03, car/truck-camper headon collision, Rt/ 98 Navajo Reservation, AZ-- 10
5930. 1975 -- July 07, Pomona Hotel arson fire, Skid Row, Portland, OR -- 12
5931. 1975 -- Aug 30, Wien Air Alaska approach crash in fog, Sevuokuk Mt. ~Gambell, AK-10
5932. 1975 -- Sep 16-27, Trop. Storm/Hurricane Eloise & remnants, PR, FL Gulf (23<sup>rd</sup>), US East-68
5933. 1975 -- Sep 26, USAF Sikorsky CH-53 helicopter crash, east of Paderborn, Germany-- 16
- 1975 -- Nov 4, McJunkin Corp. Beechcraft King Air takeoff crash, Charleston, WV--all 6
5934. 1975 -- Nov 10, storm, SS *Edmund Fitzgerald* sinks, Lake Superior, Whitefish Bay, MI--29
5935. 1975 -- Dec 12, condemned Gartland Apartments arson fire, San Francisco, CA -- 14
- 1975 -- Dec 28, Breezy Point Inn fire, Island Lake, near Duluth, MN -- 6
5936. 1975 -- Dec 29, LaGuardia Airport bomb explosion, TWA baggage area, Brooklyn, NY--11
5937. 1976 -- Chickenpox; US death rate 0.05 per 100K; CA/9, NY/9, TX/9, IL/8, NJ/7 -- 106
- 1976 -- Diphtheria (ICD-8 code 032), CA/1, CO/1, NM/1, OH/1, TX/1, WA/2 -- 7
5938. 1976 -- Exposure to excessive natural cold/hypothermia; ICD-8 E901; esp. PA/24 -- 424
5939. 1976 -- Exposure to excessive natural heat; ICD-8 E900 code, esp. CA/25 & AZ/11-- 100
5940. 1976 -- Influenza, ICD-8 codes 470-474, death rate 3.6 per 100K, esp. NE/12.9 --7,877
5941. 1976 -- Measles/rubeola/12 and German Measles/rubella/12; ICD8 codes 055 & 056-- 24
- 1976 -- Mumps; ICD-8 code 072; CA/LA/MD/NJ/NY/OH/PA/TX 1 each -- 8
5942. 1976 -- Polio (Acute poliomyelitis, ICD-8 codes 040-045), especially CA/11, MI/6-- 90
5943. 1976 -- Tuberculosis, US death rate 1.44 per 100K, esp. DC/4.0, NM/2.8, AL/2.6 --3,130
- 1976 -- Whooping Cough, NY/2, FL, MS, OH, OK, WI one each (6 under 1, 1/10-14)-- 7
5944. 1976 -- Jan 10, Pathfinder (residential) Hotel natural gas explosion/fire, Fremont, NE--20
5945. 1976 -- Jan 30, arson fire, Wincrest Nursing Home, Chicago, IL -- 24
5946. 1976 -- Feb 04, tenement house fire (7 children, 3 adults), Manhattan, NYC, NY -- 10
5947. 1976 -- Feb 07, train hits camper-truck of children, grade crossing, Beckemeyer, IL-- 12
- 1976 -- Mar 02, suicidal dynamite explosion, Mason County Jail, Point Pleasant, WV-- 5
5948. 1976 -- Mar 09 & 11, methane gas explosions, Scotia Coal Mine, Oven Fork KY-(15 & 11) 26
5949. 1976 -- Apr 15, oil platform *Ocean Express* capsizes under tow in storm, Gulf, off TX-13
5950. 1976 -- Apr 23, Petroleum Helicopters Inc. crash, Gulf of Mexico, off coast of LA--all 12
5951. 1976 -- Apr 27, American Air 625, runs off landing runway, St. Thomas, US Virgin Isl.--37
- 1976 -- May 11, HAZMAT (ammonia) truck hits I-610 ramp, falls onto Freeway, Houston, TX--6
5952. 1976 -- May 21, Yuba City High School bus goes off cliff, near Martinez, CA -- 29
5953. 1976 -- June 05, Teton Dam failure/flood, Teton River, ~Newdale, Southeast ID --11-12
- 1976 -- June 30, youth prisoners start fire, McDowell County Prison, Marion, NC -- 9
5954. 1976 -- July-Aug, Legionella pneumophila (Legionnaires' Disease), Philadelphia PA-29-34
- 1976 -- July 12, shooting rampage, library, Cal State University, Fullerton (CSUF), CA-7
5955. 1976 -- July 31, supercell thunderstorm, flash flood, Big Thompson Canyon, CO -- 144
5956. 1976 -- Aug 12, ethyl benzene fumes explode, Tenneco oil refinery tower, Chalmette, LA-13
5957. 1976 -- Aug 28, USAF C41 wing lost, severe thunderstorm, crash ~Peterborough, UK-18
5958. 1976 -- Aug 28, USAF C41 plane crash, Soendre Stromfjord AFB, Greenland --US 13 of 23
5959. 1976 -- Sep 26, Johnson & Johnson Gulfstream approach crash, Hot Springs, VA -- 11
5960. 1976 -- Sep 26, USAF KC-135 Stratotanker plane crash, near Alpena, MI -- 15
5961. 1976 -- Oct 20, tanker *Frosta* hits ferry *George Prince* (capsizes), MS Riv., Luling, LA-- 77

5962. 1976 -- Oct 24, arson fire, Puerto Rican Social Club, Bronx, NY -- 25
5963. 1976 -- Nov-Jan 77, Guillain-Barré syndrome outbreak, some blamed on swine flu vaccine- 58
5964. 1976 -- Dec 20, Witmer Street apartment house juvenile arson fire, Los Angeles, CA-- 10
5965. 1976 -- Dec 22, Fields Department Store fire (5 stories), Fulton Street, Brooklyn, NY--12
5966. 1976 -- Dec 24, fire, birthday party (10 children), apartment house, Chicago, IL -- 12
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5967. 1977 -- Chickenpox; US death rate 0.04 per 100K, esp. CA/13, NJ/NY/TX/8 each -- 89
5968. 1977 -- Cold/hypothermia, exposure to excessive natural (ICD-8 E901); esp. OH/43<sup>139</sup>- 634
5969. 1977 -- Diphtheria (ICD-8 code 032), CA/1, IN/1, NY/2, TX/1 -- 5
5970. 1977 -- German Measles (Rubella), MI/3, CA/IL/KY/VA/2 ea., AZ/FL/GA/NM/NY/WI/1--17
5971. 1977 -- heat (esp. summer), ICD-8 E900 excessive natural heat, esp. MO/33, CA/NC/24-- 308
5972. 1977 -- Influenza, ICD-8 codes 470-474, US death rate 0.59 per 100K, esp. AL/1.98--1,304
5973. 1977 -- Legionella pneumophila (Legionnaires'), sum-fall esp., CA/2 OH/1 TN/3 VT/17-32
5974. 1977 -- Measles (Rubeola), CA/TX/2, CT/FL/GA/IN/MO/NJ/NC/OR/TN/VA/WI/1-- 15
5975. 1977 -- Polio (Acute poliomyelitis, ICD-8 codes 040-045), US death rate 0.05 per 100K-- 100
5976. 1977 -- Tuberculosis, US death rate 1.35 per 100K, esp. DC/4.24, TN/2.8, KY/2.2 --2,968
5977. 1977 -- Whooping Cough, CA, FL, GA, KS, NC, PA, TN, TX, VA, WA 1 each -- 10
5978. 1977 -- Jan 17, USN LCM-6 liberty boat hit/capsized by cargo vessel, Barcelona, Spain--49
5979. 1977 -- Jan 26-Feb 1, winter storms/blizzards/coldwave, esp. west NY, IN, OH, MI-- 116
5980. 1977 -- Jan 28, Stratford Hotel fire (early a.m., below zero), Breckenridge, MN -- 16
5981. 1977 -- Feb 04, CTA elevated L trains crash; 4 cars fall onto street below, Chicago, IL-11
- 1977 -- Feb 24, PA State DOT plane crash, (1 on ground), Bressler PA, Swatara twp.-- 9
5982. 1977 -- Mar 27, KLM 4805/Pan Am 1736 runway collision, fog, Tenerife AP, Canary Isl.--US~339
5983. 1977 -- Apr 03-08, rain, flooding, West Appalachians, KY/5, TN/7, VA/7, WV/3 -- 22
5984. 1977 -- Apr 04, thunder/hailstorm, Southern Air #242 crash (9 on ground), Hope, GA--72
5985. 1977 -- Apr 04, tornado, F5, Jefferson County, AL -- 22
5986. 1977 -- May 28, fire, Beverly Hills Supper Club, Southgate, KY -- 165
5987. 1977 -- June 21, USN TACAMO EC130Q Hercules takeoff crash, off Wake Island-- 16
5988. 1977 -- June 26, arson fire, inmates & visitors, Maury County Jail, Columbia, TN -- 42
- 1977 -- July 14, out of control car hits motor home, rural US 69 near Stringtown, OK-- 8
5989. 1977 -- July 19/20, rain, dam failure, flash floods, Johnstown, Tanneryville, PA -- ~85
- 1977 -- Aug 03, terrorism, Puerto Rican F.A.L.N bombings/2 bldgs., Manhattan, NY-- 1
5990. 1977 -- Sep 06, Alaska Aeronautical Industries fl. 302 plane crash, Mt. Iliamna, AK-- 13
5991. 1977 -- Sep 12/13, flash flood, "The Plaza Flood," esp. Brush Creek, Kansas City, MO--25
5992. 1977 -- Sep 14, USAF EC-135K plane crash, Mt. Manzano range ~Albuquerque, NM--20
- 1977 -- Sep 24, gasoline tanker truck hits buildings/fire, KY 11, Beattyville, KY -- 7
5993. 1977 -- Oct 2, Amtrak train hits pickup (3 adults/7minors), RR crossing, Plant City, FL--10
- 1977 -- Oct 20, Lynyrd Skynyrd Band plane crash near Gillsburg, MS -- 6
5994. 1977 -- Oct 21, USMC Sikorsky helicopter crash with troops, Mindoro, Philippines-- 24
5995. 1977 -- Nov 06, heavy rain, Kelly Barnes Dam fails, Toccoa Falls Bible College, GA--39
5996. 1977 -- Nov 06-07, heavy rain/flooding, esp. west Appalachian Mts., NC, TN, VA--12-13
5997. 1977 -- Dec 05-12, snowstorms, coldwave, wind, esp. upper midwest and northeast--≥114
5998. 1977 -- Dec 08, PHI helicopter hits oil rig crane, Gulf of Mex, near Marsh Island, LA--17
5999. 1977 -- Dec 10, Wenonah Park Apt. Bldg. fire/light fixture short-circuit, Bay City, MI-10

<sup>139</sup> Some double-counting from dated 1977 winter events noted below. There were at least 20 cold exposure deaths in the Jan 26-Feb 1 event and at least 17 cold exposure and hypothermia deaths in the Dec 5-12 event

6000. 1977 -- Dec 11, Brunswick NAS-based USN Orion crash, fog, Mt El Hierro, Canary Isl.-13  
6001. 1977 -- Dec 13, fire, Providence College Women's Dormitory, Providence, RI -- 10  
6002. 1977 -- Dec 13, Univ. of Evansville basketball charter plane crash, Evansville, IN --all 29  
6003. 1977 -- Dec 22, Continental Grain Elevator dust explosion,, Westwego, LA -- 36  
6004. 1977 -- Dec 27, Farmers Export Grain Elevator dust explosion,, Galveston, TX -- 18
6005. 1978 -- exposure to excessive natural cold/hypothermia; ICD-8 E901; esp. OH/39<sup>140</sup>-- 652  
6006. 1978 -- heat (esp. summer), ICD-8 E900 excessive natural heat, esp. TX/43, AZ/31, CA/27-- 267  
6007. 1978 -- chickenpox; US death rate .04 per 100K, esp. CA/14 (.06), TX/8 (.06), CT-- 91  
1978 -- diphtheria (ICD-8 code 032), AZ/1, CA/1, NE/1, TN/1 -- 4  
6008. 1978 -- German measles (rubella), ICD 8 code 056; CA/FL/IL/IN/MO/OK/TN/WI-- 10  
6009. 1978 -- influenza, ICD-8 codes 470-474, US death rate 1.8 per 100K, esp. ME/5.0, KS/4.7--4,052  
6010. 1978 -- measles (rubeola), ICD-8 code 055; GA/2, IN/2, IA/MI/NJ/NY/OH/TX/VA-- 11  
6011. 1978 -- polio (acute poliomyelitis, ICD-8 codes 040-045), US death rate 0.04 per 100K-- 95  
6012. 1978 -- tuberculosis, US death rate 1.31 per 100K, esp. DC/4.02, AL/2.35, LA/2.08 --2,914  
6013. 1978 -- Jan 25-27, Gulf / Arctic air mix; wind/cold/blizzards, esp. upper Midwest, OH-143-150  
6014. 1978 -- Jan 28, fire, Coates House Hotel (many low-income elderly), Kansas City, MO-- 20  
6015. 1978 -- Feb 05-7, nor'easter/blizzard, Northeast, esp. CT, NJ, NY, MA/73, RI/>20-119-129  
6016. 1978 -- Feb 10, Columbia Pacific Air flight 23 takeoff crash/fire, Richland, WA -- 17  
6017. 1978 -- Feb 10-11, storm/flash floods, esp. Hidden Springs/Big Tujunga Canyon, CA->20  
6018. 1978 -- Feb 24, train derails Feb 22, LPG tank car leaks/explodes 24<sup>th</sup>, Waverly, TN-- 16  
1978 -- Feb 26, chlorine release when train derails (no train deaths), Youngstown, FL-- 8  
6019. 1978 -- Mar 04-05, flooding and mudslides, Baja CA (Mexico)/23; Southern CA --17-26  
1978 -- Apr 23, Piper Navajo Chieftain charter crash, turbulence, Arlington, IN -- all 9  
6020. 1978 -- Apr 27, scaffold collapse, Monongahela Power Co., Willow Island, WV -- 51  
6021. 1978 -- June 17, tornado, showboat *Whippoorwill* capsizes, Pomona Lake, KS -- 16  
1978 -- June 22, drifters kill family of 3; 6 steakhouse workers/July 16, Purcell & OK City, OK-9  
6022. 1978 -- July 30-Aug 04, Tropical Storm Amelia & remnants, flash flooding, TX --33-34  
6023. 1978 -- Aug 25, Webber Air charter crash, Sumner Strait, NW of Prince of Wales Isl., AK-12  
6024. 1978 -- Aug 30, Las Vegas Airlines Flight 44 takeoff crash, North Las Vegas, NV -- 10  
1978 -- Sep 04, church-hired helicopter crashes into churchyard festival, Derry, PA-- 8  
1978 -- Sep 08, low USAF C130 crash into ridge ~8 miles no. of Little Rock AFB, AR--8  
1978 -- Sep 22, USN P-3B plane crash after engine failure/loss, near Poland ME -- all 8  
6025. 1978 -- Sep 25, Pacific Southwest 182/Cessna collide, fall onto homes, fire, San Diego, CA-144  
6026. 1978 -- Oct 06, temporary cofferdam construction failure, Lake Keowee ~Seneca, SC-- 7  
6027. 1978 -- Oct 06, USN C-118 transport crashes into hill in fog near Santiago, Chile -- 16  
6028. 1978 -- Oct 20, USCG Cutter *Cuyahoga* & MV *Santa Cruz II* collide ~Smith Point, MD-11  
6029. 1978 -- Nov 05, arson fire, Allen Motor Inn, Honesdale, Wayne County, PA -- 12  
6030. 1978 -- Nov 05, Younkers Brothers Dept. store fire (employees), West Des Moines, IA--10  
1978 -- Nov 06, Beechcraft Duke loses one engine, fam. of 7/pilot killed ~Jackson, MS--8  
6031. 1978 -- Nov 18, Jonestown Massacre, Peoples Temple mass suicide-murder, Guyana<sup>141</sup>--918  
6032. 1978 -- Nov 26, fire (probable arson), Holiday Inn Northwest, Ridge Rd., Greece, NY- 10  
6033. 1978 -- Nov 30, two planes crash; USAF C-130, Cottageville, SC/6; Piper, Albany AP, GA-11

<sup>140</sup> Includes deaths also recorded in the dated winter events (such as Jan 25-27 and Feb 5-7) noted below.

<sup>141</sup> Northeast South America, with Venezuela to the west, Brazil to the south and southwest and Suriname to the east. All were from the U.S. except for a number of adopted Guyana children.

6034. 1978 -- Dec 07, tenement house fire (7 children/5 adults), Central Ward, Newark, NJ-- 12
6035. 1978 -- Dec 09, Ellisville State School/mental hosp., women's dorm fire, Ellisville, MS-15
6036. 1978 -- Dec 10, MV *Holo Holo* (Univ. of HI) sinks, rough seas west of Kawaihae, HI--10
- 1978 -- Dec 10, USAF C-130 Hercules landing phase plane crash, Ft. Campbell, KY-- 5
6037. 1978 -- Dec 28, United Airlines flight 173 crash (ran out of fuel), Portland, OR -- 10
- 1978-1995 -- Unabomber bombs, terrorism -- 3
6038. 1979 -- exposure to excessive natural cold/hypothermia; ICD9 E901.0; esp. IL/25<sup>142</sup>--356
6039. 1979 -- chickenpox; US death rate .05 per 100K, esp. CA/11, NY/10, TX/8, AL/5 -- 103
- 1979 -- diphtheria (ICD-8 code 032), CA (1) -- 1
6040. 1979 -- influenza, US death rate .27 per 100K, esp. ID/1.18, NE/1.15, KS/.98, WA/.85-- 604
- 1979 -- measles, ICD-9 codes 055-056; IL, KS, LA, ME, NJ, PA, TX (1 each) -- 7
6041. 1979 -- tuberculosis, US death rate 0.89 per 100K, esp. DC/2.7, KY/1.7, MS/1.6 --2,007
- 1979 -- typhoid & paratyphoid fevers ICD-9 codes 002.0-002.9, AZ/CA/GA/MS/TX-- 5
- 1979 -- Jan 17, helicopters collide (four on USCG) & 1 on civilian, Opa-Locka, FL-- all 5
- 1979 -- Jan 09-10, ice storm, Portland, Multnomah County, OR -- 5
6042. 1979 -- Jan 20, arson fire, tenement, Clinton Street, Hoboken, NJ -- 21
6043. 1979 -- Feb 17-20, snow/ice storms/extreme cold, Plains to East, Gulf to New England-- ~67
- 1979 -- Mar 01, Universal Air takeoff crash (unsecured baggage door), ~Gulfport, MS-- 8
6044. 1979 -- Apr 01, fire, Marietta Manor private care home for elderly, Connellsville, PA--10
6045. 1979 -- Apr 02, Wayside Inn Boarding Home/Care Facility fire, Farmington, MO -- 25
6046. 1979 -- Apr 10, tornadoes, Red River Valley (especially Wichita Falls), TX, OK --56-57
6047. 1979 -- Apr 11, fire, Halfway House (mental impairment), Lamont Street, Wash. DC-- 10
6048. 1979 -- Apr 23, impaired driver pickup speeds through curve into trees ~Crofton, MD--10
6049. 1979 -- May 25, American Airlines #191 takeoff crash, O'Hare IAP, Chicago, IL -- 273
6050. 1979 -- May 30, Downeast Airlines #46 approach crash, Owls Head ~Rockland, ME-- 17
6051. 1979 -- June-Aug esp., heat, ICD-9 E900 excessive heat/hyperthermia, esp. CA/AZ/TX-- 148
- 1979 -- June 8, gas explosion, Belle Isle Mine, Franklin, LA -- 5
6052. 1979 -- June 11, US Forest Svc. plane crash, Selway River, Nez Perce Nat. Forest, ID--10
- 1979 -- July 30, hailstorm, 3-month girl hit in head, dies Aug 7, Fort Collins, CO -- 1
6053. 1979 -- July 31, arson fire & smoke inhalation deaths, Holiday Inn, Cambridge, OH-- 10
- 1979 -- Aug 04, Boise Air Service Cessna T210M crash, Pistol Creek, ID -- all 6
- 1979 -- Aug 13, construction failure/roof collapse, Rosemont Horizon Arena, Chicago, IL--5
6054. 1979 -- Aug 30, *Inca Tupac Yupanqui* hits barge, explos./fire, MS Riv., Good Hope, LA-- 12
6055. 1979 -- Aug 30-Sep 06, Hurricane David, Puerto Rico (Aug 30-31) and East Coast -21-22
6056. 1979 -- Sep 12-13, Hurricane Frederic, MS, AL, LA, FL, TN, PA, especially AL --17-19
6057. 1979 -- Sep 14, Butler Aircraft Inc. DC-7 plane crash, Surveyor Mountain, OR -- 12
6058. 1979 -- Oct 19, typhoon/fuel bladder ruptures/barracks fire, USMC Camp Fuji, Japan--13
6059. 1979 -- Oct 27/28, Mexican General Prosecutor Office plane crash, San Ysidro, CA-- 10
6060. 1979 -- Oct 29-Nov 2, winter snow storm/blizzard, Midwest/Great Plains, esp. CO/6-- 13
6061. 1979 -- Oct 31, Western Airlines Flight 2605 crash, Mexico City Int. AP --34 US of 73
6062. 1979 -- Nov 01, tanker *Burmah Agate* collides with freighter *Mimosa*, Galveston, TX--32

<sup>142</sup> There are a few double-counting deaths from the Feb 17-20 winter event, wherein we are aware of two exposure deaths in GA, one in NY and four in PA. Many of the Feb 17-20 deaths were due to vehicular incidents on icy or snow-covered roads, heart attacks related to snow shoveling, sledding incidents, and slippery ice falls.

6063. 1979 -- Nov 11, Coats Boarding House fire, Pioneer, OH -- 14
6064. 1979 -- Nov 28, Air New Zealand sightseeing crash, Mount Erebus, Antarctica-24US of 257
6065. 1979 -- Dec 3, WHO concert crushing/trampling, Riverfront Coliseum, Cincinnati OH-11
6066. 1979 -- Dec 05, Canadian gillnet fishing boat *Salinta* found ashore at Tree Point, AK-- 10
6067. 1979 -- Dec 27, Lancaster County Jail fire, Lancaster, SC -- 11
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6068. 1980 -- exposure to excessive natural cold/hypothermia; ICD9 E901.0; esp. MI/19-- 302
6069. 1980 -- chickenpox; US death rate 0.03 per 100K, esp. NY/9, TX/8, IL/7, MI/5 -- 78
- 1980 -- diphtheria (ICD-8 code 032), TX (1) -- 1
6070. 1980 -- influenza, US death rate 1.19 per 100K, esp. ND/4.3, MA/3.4, ME/3.3, MT/3--2,702
6071. 1980 -- measles, ICD-9 code 055; CA/3, NJ/2, NY/2, KS/MN/OK/PA/TN (1 each)-- 12
- 1980 -- plague (all forms/5, bubonic/2), New Mexico (3), CA (1), NV (1) -- 5
- 1980 -- polio, DE (1), NY (2), OH (2), PA (1) -- 6
6072. 1980 -- whooping cough, under 1 year/10, 1-4 years/1, CA/FL/GA/KY/NY/PA/VA-- 11
6073. 1980 -- tuberculosis, US death rate 0.87 per 100K, esp. DC/4.21, SC, 1.79, AL/1.74 --1,978
- 1980 -- Jan 08-10 -- snowstorm, OR (6) and WA (3) -- 9
6074. 1980 -- Jan 28, collision, tanker *Capricorn* & USCGC *Blackthorn* (sinks), Tampa Bay, FL-23
6075. 1980 -- Feb 02-03, NM State Penitentiary uprising/inmate killings, ~Santa Fe, NM-- ≥33
6076. 1980 -- Feb 13-21, storms, flooding, mudslides, Cent. AZ, So.-coastal/Baja, CA, UT-- 37
6077. 1980 -- Mar 14, Polish Air approach crash (US boxing team) ~Warsaw AP--Poland (87)/US 29
6078. 1980 -- Mar 14, USAF C130 fuel tank explosion and crash near Adana, Turkey -- 18
6079. 1980 -- Mar 27, Lufkin Inc., Beechcraft plane crash (icing), fire, near Parker, CO -- 10
6080. 1980 -- May 9, freighter hits Sunshine Skyway Bridge, span collapse, Tampa Bay, FL- 35
6081. 1980 -- May 17-18, racial riots after jury acquits police, black beating death, Miami FL-18
6082. 1980 -- May 18, volcano eruption and landslides, Mount St. Helens, WA --55-67
6083. 1980 -- June 05, Central Texas charter tour bus goes off Highway 7 near Jasper, AR-- 20
6084. 1980 -- June 12, Air Wisconsin flight 965 crash (storm, engine failure), Valley, NE-- 13
6085. 1980 -- June 18, Cessna 182 and Cessna 310 collide, East Maroon Pass ~Aspen CO--all 10
6086. 1980 -- Jun-Sep, heat, esp. Midwest & So. Plains, esp. MO/TN/AR/TX/MS<sup>143</sup>-1,863-1,904
6087. 1980 -- July 5-6, smugglers abandon immigrants, dehydration, Organ Pipe Cactus Nat. Mon., AZ-13
6088. 1980 -- July 24, explosion & fire, Vogue Metal Crafts Co./Metgal Mfg., Queens, NY--11
6089. 1980 -- July 26, fire, Brinley Inn Boarding Home (mental impair.), Bradley Beach, NJ-- 24
6090. 1980 -- Aug 06, Air Logistics helicopter crash with oil platform workers, off Houma, LA-- 13
6091. 1980 -- Aug 06-10, Hurricane Allen, TX & off LA coast (including copter crash 13)-- 24
6092. 1980 -- Sep 12, Florida Commuter Airlines crash (not found) off Freeport, Bahamas-- 34
- 1980 -- Sep 20, ex-wife & family killed by ex-husband's booby-trap bomb, Olathe KS--6
6093. 1980 -- Oct 24, *SS Poet* leaves Philadelphia for Egypt, lost, probably Oct 25-26 -- 34
6094. 1980 -- Oct 28, apartment bldg. arson fire kills children, South Side Chicago, IL -- 10
6095. 1980 -- Nov 21, fire, MGM Grand Hotel, Las Vegas, NV -- 85
6096. 1980 -- Dec 4, fire, Conference Ctr. at Stouffer's Inn (possibly arson),<sup>144</sup> Harrison, NY-- 26

<sup>143</sup> Our range is based on a State by State tally using best available sources which actually counted deaths. There are "estimates" for 1980 of 2,000-10,000 deaths, for which we find no explanation of how the estimates were made. We suspect they were based on looking at spikes in deaths during high heat, and attributing a percentage of the spikes to heat, at least as a contributing or aggravating factor. No doubt it is true that spikes in deaths during high heat can be associated with the heat. However, we seek to provide tallies based on counting, as opposed to estimating.

<sup>144</sup> A waiter was charged with arson and 26 counts of murder and found guilty by jury; however, the presiding judge overturned the verdict citing insufficient evidence. This act was appealed but upheld by State Supreme Court.

6097. 1980 -- Dec 18, fire kills family, Avalon apartment building, Salt Lake City, UT -- 12
6098. 1981 -- exposure to excessive natural cold/hypothermia (ICD9 E901.0); esp. VA/20--289
6099. 1981 -- chickenpox; US death rate 0.04 per 100K, esp. IL/8, CA/7, NY/7, OH/6, NJ/5 -- 84
6100. 1981 -- HIV AIDS (Human Immunodeficiency Virus Infection/Acquired Immune Deficiency Syndrome)-- 234
6101. 1981 -- influenza, US death rate 1.31 per 100K, esp. SD/4.2, IA/3.5, UT/3.3, VT/3.3 --3,006  
1981 -- measles, US death rate 0.003 per 100K; CA/FL/IN/MA/WA (1 each), OH/2-- 6
6102. 1981 -- tuberculosis, US death rate 0.84 per 100K, esp. AL/1.96, DC/1.57, FL/1.43 --1,937  
1981 -- whooping cough, one death each: CO, GA, KY, ND, WA, WI -- 6
6103. 1981 -- Jan 09, fire, Beachview Rest Home (sheltered care facility), Keansburg, NJ-- 31
6104. 1981 -- Jan 11, fire, single family home, East St. Louis, IL -- 11
6105. 1981 -- Feb 18, commuter bus crash, I-95, into Chopawamsic Creek ~Quantico, VA-- 11
6106. 1981 -- Feb 26, USAF MC-130 plane crash, off NAS Cubi Pt., Philippines --17 US of 23
6107. 1981 -- Mar-Apr, hospital nurse kills elderly patients, Perris & Banning, CA -- 12  
1981 -- Mar 6, Mid-Valley High School auto crash, Underwood Road, Throop, PA-- 8
6108. 1981 -- Mar 14, Royal Beach (residential) Hotel fire, Chicago, IL -- 19
6109. 1981 -- Mar 27, construction failure, Harbour Cay Condominium, Cocoa Beach, FL-- 11
6110. 1981 -- Apr 15, Dutch Creek No. 1 methane/coal dust mine explosion, Redstone, CO-- 15
6111. 1981 -- Apr 17, planes collide, Air US 716 & Sky's West Parachute, Loveland, CO-- 15
6112. 1981 -- May 06, USAF EC-135N plane crash, Walkersville, near Frederick, MD -- 21
6113. 1981 -- May 26, USN EA-68 Prowler plane crash, USS *Nimitz*, off Jacksonville, FL-- 14
6114. 1981 -- May 24, intense rain, flash flood, especially along Shoal Creek, Austin, TX-- 13
6115. 1981 -- June-Aug (esp.), heat, esp. CA/44, GA/32, TX/23, OR/19, AZ/17, NY/16 -- ≥345
6116. 1981 -- June 21, ice fall/avalanche, Ingraham Glacier climbers, Mt. Rainier, WA -- 11
6117. 1981 -- June 26, converted bus/motor home fire, I-15, Cajon Pass, ~Victorville CA-- 10
6118. 1981 -- July 17, walkway/skywalk collapse, Hyatt Regency, Kansas City, MO -- 114
6119. 1981 -- Oct 24, arson fire, apartment building, 12<sup>th</sup> and Wash. Sts., Hoboken, NJ -- 11
6120. 1981 -- Nov 13-15, windstorms, Pacific Northwest, especially OR/10 and WA/5 -- 15  
1981 -- Nov 14, hazardous material tanker sideswipes truck, US 50 ~Canon City, CO<sup>145</sup>--8
6121. 1981 -- Nov 30, scallop trawler *St. Patrick* toppled by wave, abandoned, 5m E Marmot Isl., AK--10
6122. 1981 -- Dec 05, Jump Hawaii Club Beechcraft C-45 crash (pilot error), Honolulu, HI-- 11
6123. 1981 -- Dec 8, Coal mine No. 21 (Grundy Mining) methane gas explos., Whitwell, TN--13
6124. 1982 -- exposure to excessive natural cold/hypothermia; ICD9 E901.0, esp. VA/26<sup>146</sup>--402
6125. 1982 -- chickenpox; US death rate 0.03 per 100K, especially CA/11, FL/6, NY/6 -- 61  
1982 -- diphtheria (ICD-8 code 032), WI (1) -- 1
6126. 1982 -- HIV AIDS, U.S. -- 618
6127. 1982 -- influenza, US death rate 0.31 per 100K, esp. NE/1.78, SD/1.7, ND/1.34 -- 727  
1982 -- measles, US death rate 0.003 per 100K; AZ, KY, MI, MS, NH, NY -- 6  
1982 -- scurvy/ascorbic acid deficiency, IN, KY, MD, MA, OH, TX (1 death each) -- 6
6128. 1982 -- tuberculosis, US death rate 0.78 per 100K, esp. DC/2.83, AL/1.6, TN/1.4 --1,807
6129. 1982 -- Jan 03-05, rainstorms, land/mudslides, esp. San Francisco Bay Area, CA --31-36
6130. 1982 -- Jan 07-18, extreme cold waves, ice and snow storms, much of country --244-314
6131. 1982 -- Jan 13, Air Florida 90 plane crash, Potomac River, Washington, DC -- 78

<sup>145</sup> Tanker ruptured and exploded causing nearby passenger car to burn, killing all six occupants.

<sup>146</sup> Probable double-counting from one or more of the dated winter events noted below for 1982.



- 1982 -- Jan 19, water heater explosion, Star elementary school cafeteria, Spencer, OK-- 7
6132. 1982 -- Jan 30-Feb 05, snow/cold, esp. Midwest, esp. Greater Detroit/15 and IL/11-47-69
6133. 1982 -- Feb 15, storm, *Ocean Ranger* oil rig sinks, Grand Banks, Canada<sup>147</sup> --84 (15 US)
6134. 1982 -- Mar 06, fire and smoke inhalation, Westchase Hilton Hotel, Houston, TX -- 12
6135. 1982 -- Mar 19, USAF KC-135 tanker explosion / crash near Wonder Lake, IL -- 27
- 1982 -- Mar 31, avalanche, Alpine Meadows, CA -- 7
6136. 1982 -- Apr 02, tornadoes, AR/IL/IA/KS/LA/MS/NE/OK/TN/TX esp. AR/15, MS/3, MO/2 TX/11--31
6137. 1982 -- Apr 02, US Navy transport plane crash, Mediterranean island of Crete -- 11
6138. 1982 -- Apr 05-8, snow/blizzards/wind/cold, Midwest to New England, esp. IL, OH-61-67
- 1982 -- Apr 07, HazMat gasoline truck collision, Caldecott Tunnel, Oakland, CA -- 7
6139. 1982 -- Apr 13, USAF C-130 Hercules transport wing failure/crash ~Gevenlik, Turkey--27
6140. 1982 -- Apr 15, construction failure, Indiana highway ramp, East Chicago, IL -- 13
6141. 1982 -- Apr 30, arson fire, Pinter (residential) Hotel, 14<sup>th</sup> Street, Hoboken, NJ -- 13
6142. 1982 -- May 14, fire, row house (3 adults, 7 children), Baltimore, MD -- 10
6143. 1982 -- May 29, tornado, F4, Marion, Williamson County, IL -- 10
6144. 1982 -- June-Aug (esp.), heat (ICD-9 E900 code, excessive heat/hyperthermia) -- 196
6145. 1982 -- June 04-07, heavy rain/flooding, New England, esp. CT/11-12 & RI/3-5 --14-17
- 1982 -- July 02, wife, children, mother-in-law shot (5), suicide, Thompson Falls, MT-- 6
6146. 1982 -- July 05, arson fire, apartment building, Waterbury, CT -- 14
6147. 1982 -- July 09, Pan Am 759 takeoff crash (windshear), NOIA, Kenner, LA<sup>148</sup> --153-154
6148. 1982 -- July 28, Last Days Ministries sight-seeing takeoff plane crash, Lindale, TX-- 12
- 1982 -- Aug 20, rampage shooting (8), mentally disturbed man (killed), Miami, FL-- 9
- 1982 -- Aug 31, USAF C-141 transport plane crash, John's Knob, Cherokee Nat., TN-- 9
6149. 1982 -- Sep 04, arson fire, Dorothy Mae Apartments/Hotel, Los Angeles, CA --24-25
6150. 1982 -- Sep 11, USAF Chinook crash at airshow, ~Mannheim, Germany --(7-8 US) of 46
6151. 1982 -- Sep 25, George Banks family shooting spree, Jenkins Twp./Wilkes-Barre, PA--13
- 1982 -- Sep 29, Tylenol tampering (laced with cyanide) deaths start, Chicago, IL -- 7
6152. 1982 -- Oct 08, tractor semitrailer collides with church van near Lemoore, CA -- 10
6153. 1982 -- Oct 17, private Beechcraft C-45 parachuting jump plane crash near Taft, CA-- 14
6154. 1982 -- Nov 8, fire (intentionally set by inmate), Harrison County Jail, Biloxi, MS -- 29
6155. 1983 -- Chickenpox; US death rate 0.02 per 100K, especially NY/8, CA/5, TX/5 -- 57
6156. 1983 -- Exposure to excessive natural cold/hypothermia; ICD9 E901.0; esp. GA/36<sup>149</sup>--510
6157. 1983 -- HIV AIDS, New York City (245), U.S. --1,500
6158. 1983 -- Influenza, US death rate 0.61 per 100K, esp. ME/3.9, MT/3.2, MN/2.7 --1,431
- 1983 -- Measles/Rubella (German Measles) CA/1, FL/1, KS/1, MI/1, MN/1, NM/1, NC/1-- 7
6159. 1983 -- Tuberculosis, US death rate 0.76 per 100K, esp. DC/3.63, AL/1.6, LA/1.2 --1,779
- 1983 -- Jan 19, driver dozes, semi hits cars/fire, toll booth, CT Turnpike, Stratford, CT--7
6160. 1983 -- Feb 10-12, snow storm/blizzard, mid-Atlantic, Southern New England --31-54
6161. 1983 -- Feb 12, gale, collier *Marine Electric* (34 crew) capsizes/sinks off Chincoteague, VA-31
6162. 1983 -- Feb 14, crab boats *Altair & Americus* capsize, *Altair* sinks, Bering Sea ~AK-- 14
6163. 1983 -- Feb 19, shooting deaths (13 of 14), Wah Mee Club, Seattle "Chinatown", WA-13

<sup>147</sup> Sixty-eight Canadians, one Englishman, and fifteen Americans

<sup>148</sup> The difference in number of fatalities has to do with whether or not one includes the death of an unborn seven-month-old fetus. On July 13, 1982 the Jefferson Parish coroner added the unborn fetus to his list of deaths (154).

<sup>149</sup> Probable double-counting from one or more of the dated winter events noted below for 1983.

- 1983 -- Mar 25, crash, Jonesboro School District bus, near Newport, AR -- 9
6164. 1983 -- Apr 18, terrorism, US Embassy suicide bombing, Beirut, Lebanon --17 US of 63
6165. 1983 -- Apr 30, USN C-131 engine fire/crash, St. John's Riv., ~Jacksonville NAS, FL-14
6166. 1983 -- May 27, explosion, illegal fireworks factory, Webb's Bait Farm ~Benton TN-- 11
6167. 1983 -- June 2, Air Canada Fl. 797 in-flight hidden fire, emer. landing, Covington, KY--23
6168. 1983 -- June 16, plane crash, USAF P-3 Orion (152720), Kauai, HI -- 14
- 1983 -- June 28, eastbound Mianus River bridge span collapse, I-95, Greenwich, CT-- 3
6169. 1983 -- July-Aug esp., heat (esp. July 15-30) esp. MO/70 KY/57 IL/53 GA/35 TX/35-595-597
- 1983 -- July 10/11, US Army CH-47 Chinook helicopter crash, South Fox Island, MI-- 6
6170. 1983 -- Aug 10, car/tractor-trailer head-on collision, highway 86 ~Coachella, CA -- 11
6171. 1983 -- Aug 17, plane crash, Las Vegas Air Piper PA-31, Peach Springs, AZ -- 10
6172. 1983 -- Aug 18, Hurricane Alicia, Galveston, greater Houston & Southeast Texas -- 21
6173. 1983 -- Aug 21, Landry Aviation plane with skydivers stalls/crashes, Silvana, WA-- 11
- 1983 -- Aug 31, fire, mentally handicapped home, Annandale Village, Suwanee, GA-- 8
6174. 1983 -- Sep 1, Korean Air 007 (NY to Seoul) shot down by USSR off Sakhalin Isl.<sup>150</sup>--61-94 US of 269
6175. 1983 -- Sep 29 to Oct 3, storms, prolonged heavy rain and flooding, AZ -- 15
6176. 1983 -- Oct 11, Air Illinois Flight 710 plane crash near Pinckneyville, IL -- 10
6177. 1983 -- Oct 23, terrorism, Marine Corps Barracks truck bomb, Beirut, Lebanon -- 241
- 1983 -- Dec 9, fire (careless smoking) row house (five children), west Baltimore, MD-- 8
6178. 1983 -- Dec 14-31, snow/extreme cold (eastern two-thirds US), sleet/ice (esp. South) --469-471
6179. 1983 -- Dec 23, collision, activity bus/semitrailer, near Devers, TX -- 10
6180. 1984 -- Chickenpox; US death rate 0.02 per 100K, especially CA/8, TX/7, NY/5 -- 53
6181. 1984 -- Exposure to excessive natural cold/hypothermia; ICD9 E901.0; esp. MN/21<sup>151</sup>- 359
6182. 1984 -- HIV AIDS, New York City (952) --3,578
6183. 1984 -- Influenza, US death rate 0.46 per 100K, esp. MT, 2.3, OR/1.7, WA/1.4, AR/1.3--1,096
- 1984 -- Measles (ICD-9, 055), KY (1) Male, 35-44 (CDC WONDER search) -- 1
6184. 1984 -- Meningococcal Meningitis, ICD-9 code 036.0, esp. CA and NY (8 each) -- 95
6185. 1984 -- Tuberculosis, US death rate 0.73 per 100K, esp. DC/3.62, AL/1.57, NY/1.21 --1,729
6186. 1984 -- Jan 17-22, coldwave/snowstorms, especially West, Midwest, Northeast --63-65
- 1984 -- Jan 21, Whitefish HS wrestling team bus hits jack-knifed fuel tanker/burns ~Essex, MT-9
6187. 1984 -- Feb 4-5, snow, deep cold, wind, blizzard, esp. Upper Plains, esp. MN (16)--47-52
- 1984 -- Feb 4, home fire, boy playing with lighter, victims 1-8 years old, Tacoma, WA--9
6188. 1984 -- Feb 08, family row-house fire, Philadelphia (Kensington section), PA -- 10
6189. 1984 -- Feb 26-29, snowstorms, Mid-MS/OH Valleys NE to New Eng., esp. IL, NY, OH-- 65
6190. 1984 -- Feb 29, USAF C-130 Hercules plane crash, near Borja, Spain --17 (US) of 18
6191. 1984 -- Mar 24, USMC helicopter crash into Mt., 24M N. of Pohang So. Korea --18 of 29
6192. 1984 -- Mar 07-10, severe cold/snow, especially Upper Midwest and Northeast --32-33
6193. 1984 -- Mar 28, tornadoes and severe weather, NC (42-44) and SC (21) --63-65
6194. 1984 -- Mar 28- 30, nor'easter, wind/snow storms, Northeast, esp. NY/~16, PA/~11-- ~33
6195. 1984 -- Apr 15, Christopher Thomas "Palm Sunday Massacre," New York, NY -- 10
6196. 1984 -- Apr 21, MS (15-16) & TN tornadoes esp. Water Valley and Philipp, MS --15-16
6197. 1984 -- Apr 26, tornado outbreak, IA, MN (1), KS, and especially OK (11) -- 12
6198. 1984 -- May-Nov, Bobby Joe Long serial killings of women, Tampa Bay Area, FL-- ≥10

<sup>150</sup> 61-62 were U.S. citizens (depending on source). Thirty-two were foreign nationals living in the U.S.

<sup>151</sup> Probable double-counting from one or more of the dated winter events noted below for 1984.

6199. 1984 -- May 6-10, severe storms, flooding/12 deaths, tornadoes, SE, esp. KY/7, TN/3--16  
6200. 1984 -- May 26-27, flash flooding, Tulsa, OK -- 14  
6201. 1984 -- June-early Sep, heat, especially CA/53, TX/23, AZ/16, PA/15, NY/14 -- 228  
6202. 1984 -- June 07, tornadoes (13), high wind, flash flooding, WI/9, OK, IA/4, MO/2-- 15  
6203. 1984 -- July 04, arson, Elliott Chambers Rooming Home fire, Beverly, MA -- 15  
6204. 1984 -- July 07, microburst, sternwheel *SCItanic* capsizes, TN Riv., Ditto Landing, AL--11  
6205. 1984 -- July 18, mass shooting, James Oliver Huberty, McDonald's, San Ysidro, CA-- 21  
6206. 1984 -- July 24, Union Oil Co. Refinery explosions and fire, Romeoville, IL -- 17  
6207. 1984 -- Aug 24, Wings West Air (15) & Rockwell Comd. (2) collide, San Luis Obispo, CA-17  
1984 -- Sep 10, flash flood, family truck swept away ~15 miles W of Las Vegas, NV-- 5  
6208. 1984 -- Oct 18, arson fire, Alexander Hamilton residential Hotel, Paterson, NJ -- 15  
6209. 1984 -- Dec 06, Provincetown-Boston Airlines fl. 1039 takeoff crash, Jacksonville, FL-13  
6210. 1984 -- Dec 19, mine fire, Emery Mining, Wilberg Mine, Orangeville, UT -- 27
6211. 1985 -- Chickenpox; US death rate 0.03 per 100K, esp. CA/13 and NY/10 -- 68  
6212. 1985 -- Exposure to excessive natural cold/hypothermia; ICD9 E901.0; esp. IL/39<sup>152</sup>--519  
6213. 1985 -- HIV AIDS, New York City (1,663), U.S. --6,903  
6214. 1985 -- Influenza, death rate 0.86 per 100K, esp. NE/4.1, MT/2.8, IA/2.6, KS/2.4, WY/2.2 --2,054  
6215. 1985 -- Malaria, ICD-9 codes 084.0-084.9, death rate 0.01 per 100,000 -- 13  
6216. 1985 -- Measles ICD-9, 055 code/rubella 056, AZ/1, IL/1, ME/1, MA/1, MO/1 -- 5  
6217. 1985 -- Meningococcal Meningitis, especially TX/9, NY/8, CA/7, NJ/5, PA/5 -- 88  
6218. 1985 -- Tuberculosis, US death rate 0.74 per 100K, esp. DC/3.46, GA/1.34, AL/1.23 --1,752  
6219. 1985 -- Jan 08-13, winter coldwave and snow storms, esp. PA/6; MA/5 and TX/5 -- 36  
6220. 1985 -- Jan 18-24 (esp. 19-21), winter cold wave & storms, esp. East and South--176-184  
6221. 1985 -- Jan 21, plane crash after takeoff, Galaxy Airlines flight 203 charter, Reno, NV-- 70  
6222. 1985 -- Jan 22, USAF plane crash in sea on approach to Trujillo Airport, Honduras-- 21  
6223. 1985 -- Mar 13, US Army Black Hawk (technical failure?) crash, Fort Bragg, NC --all 12  
6224. 1985 -- Apr-July 28, Listeria food poisoning; unpasteurized milk contaminated cheese, esp. LA Co., CA<sup>153</sup>-85-95  
6225. 1985 -- Apr 27-28, thunderstorms, flash flooding, drownings, tornadoes, No. TX -- 10  
6226. 1985 -- May 06, USMC CH-53D helicopter crash into Sea of Japan off Yakushima-- 17  
6227. 1985 -- May 13, Philadelphia Police bomb MOVE group, row house fire, PA -- 11  
6228. 1985 -- May 31, tornadoes, OH (11 fatalities) and PA (65-67 fatalities) --76-78  
6229. 1985 -- summer heat ICD-9 E900, excessive heat/hyperthermia), esp. CA/29; GA/26 -- 227  
6230. 1985 -- June 25, explosion, fireworks plant, Hallett, OK -- 21  
6231. 1985 -- July 23, fire, elderly boarding home, Sweet Valley, PA -- 10  
6232. 1985 -- Aug 01, supercell thunderstorm and flash flooding, Cheyenne, WY -- 12  
6233. 1985 -- Aug 02, Delta Flight 191, wind shear, crash, Dallas-Fort Worth IAP, TX -- 137  
1985 -- Aug 25, Bar Harbor Airlines Beechcraft 99 approach crash near Auburn, ME-- 8  
6234. 1985 -- Sep 06, Midwest Express Airlines 105 crash upon departure, Milwaukee, WI-- 31  
6235. 1985 -- Sep 23, Henson Airlines 1517 approach crash, Hall Mt. (~Staunton), VA -- 14  
6236. 1985 -- Sep 27-28, Hurricane Gloria, East Coast, esp. NC/NJ/NY/CT/MA/NH/RI<sup>154</sup>-15-16

<sup>152</sup> Probable double-counting from one or more of the dated winter events noted below.

<sup>153</sup> All deaths are associated with contaminated from one cheese producer, Jalisco, in Los Angeles County, which, with at least 43 deaths, out of 85 in California, had the highest number of deaths. There were at least ten deaths in several other states from the same source. About half of all deaths were stillbirths or miscarriages.

<sup>154</sup> The range -- we can find no substantiation for a report of one life lost in a plane crash in NY related to the storm.

6237. 1985 -- Sep 29, skydiving crash, Westwind Sports & Parachute Ctr., Jenkinsburg GA--17  
6238. 1985 -- Oct 06, brush fire smoke, 33-vehicle pileup, I-5 near Sacramento, CA -- 10  
6239. 1985 -- Oct 07, tropical storm, landslide, Mameyes section, Ponce, Puerto Rico -- ~130  
6240. 1985 -- Oct 15, USMC Sea Knight helicopter off USS *Guadalcanal* crash, Onslow Bay, NC--15  
6241. 1985 -- Oct 27-31, Hurricane/Tropical Storm Juan, Gulf of Mexico, especially LA-- ~17  
6242. 1985 -- Nov 4-5, flooding/Hurricane Juan remnants, WV/47-48, VA/22, PA/1, MD/1-71--74  
1985 -- Nov 21-23, Hurricane Kate, So. FL-Panama City/Apalachicola, FL Panhandle-- 5  
1985 -- Nov 23, twin-engine Beech plane crash, Boca Raton, FL (all aboard killed)-- 6  
6243. 1985 -- Dec 12, crash, US military charter/Arrow Air #1285, Gander, Newfoundland-256  
6244. 1985 -- Dec 16, gas explosion, Rocky Mt. Natural Gas Co., Glenwood Springs, CO-- 12  
1985 -- Dec 31, Century Equip. C-47 plane fire/crash (Ricky Nelson) ~DeKalb, TX-- 7
6245. 1986 -- Chickenpox; US death rate 0.02 per 100K, esp. NY (9), TX (7), CA (5) -- 47  
6246. 1986 -- Exposure to excessive natural cold/hypothermia; ICD9 E901.0; esp. IL/32 -- 301  
6247. 1986 -- HIV AIDS, New York City (2,650), U.S. 12,053  
6248. 1986 -- Influenza, US death rate 0.76 per 100K, esp. VT/3.9 ME/3.59 MN/3.2 ND/2.84 --1,838  
1986 -- Measles, ICD-9, 055; LA/1, MS/1; ICD-9 056 (Rubella/German measles) TX/1-- 3  
6249. 1986 -- Meningococcal Meningitis, ICD-9 code 036.0, esp. CA (13), NY (10) -- 88  
6250. 1986 -- Tuberculosis, death rate 0.74 per 100K, esp. DC/1.72, DE/1.43, NY/1.34 --1,782  
1986 -- Jan 4, UF6 (uranium hexafluoride) cylinder rupture, Sequoyah Fuels Corp, OK--1  
1986 -- Jan 28, *Challenger* space shuttle break-up (O-Ring) Cape Canaveral, FL -- 7  
6251. 1986 -- Feb 11-24, heavy rain, flooding, levee failures, Northern CA, NV -- 14  
6252. 1986 -- Apr 02, USAF Hercules C-130 loses wing, crashes, Magdalena, NM -- 11  
1986 -- May 14-15, blizzard, OR Episcopal School mt. climbing group, Mt. Hood, OR--9  
6253. 1986 -- May 30, crash, Starline Tour Bus, West Walker River, Walker, CA -- 21  
6254. 1986 -- Jun-Aug, heat, esp. GA/41 TX/38 IL/30 AR/25 MS/23 CA/22 SC/22 NC/20-≥400  
6255. 1986 -- June 18, Grand Canyon Air & Helitech helicopter collide, Grand Canyon AZ-- 25  
1986 -- July 20, stolen police car goes through red light, into car of 6, Moorestown NJ-- 6  
1986 -- Aug 20, postal worker Pat Sherrill mass shooting, Post Office, Edmond, OK-- 14  
1986 -- Aug 29, USN CH-46 helicopter crash, Carrier USS *Saipan* off Bodoe, Norway--8  
6256. 1986 -- Aug 31, Aeronaves de Mexico 498 & Piper collide, Cerritos, CA (15 on ground)- 82  
6257. 1986 -- Dec 31, arson fire, Dupont Plaza Hotel and Casino, San Juan, Puerto Rico -- 97
6258. 1987 -- Chickenpox, US death rate 0.04 per 100K, esp. NY (14), CA (10) -- 89  
6259. 1987 -- Exposure to excessive natural cold/hypothermia; ICD9 E901.0, esp. VA/28-- 326  
6260. 1987 -- HIV Infection/AIDS, death rate 5.55, esp. DC/28.1, NY/19.1, NJ/13.7, CA--13,468  
6261. 1987 -- Influenza, death rate 0.26 per 100K; esp. NE/1.02 (16), SD/1.29 (9), VT/1.11 (6)-- 632  
1987 -- Measles, Bristol and Middlesex counties, MA (boy, 5-9 and man, 55-64) -- 2  
6262. 1987 -- Meningococcal Meningitis, ICD-9 code 036.0, death rate 0.03 per 100K, esp. CA/13-- 64  
6263. 1987 -- Tuberculosis, US death rate 0.72 per 100K, esp. DC/2.82, AL/1.54, NY/1.5 --1,755  
6264. 1987 -- Jan 04, Amtrak 94 rear-ends Conrail ENS-121 freight train, Chase, MD -- 16  
6265. 1987 -- Jan 15, planes collide, Sky West Air & private plane, Salt Lake City, UT -- 10  
1987 -- Jan 20, US Army Beechcraft & business Piper collide over Independence, MO--6  
6266. 1987 -- Feb 5, fishing vessel *Fish-n-Fool* (LA, CA) capsizes ~Isla De San Martin MX-10  
1987 -- Mar 04, Northwest Airlinck crash, Detroit/Wayne Co. Airport, Romulus, MI-- 9  
6267. 1987 -- Mar 27-29, snowstorms and cold, especially Midwest and Plains -- ≥11

6268. 1987 -- Apr 5, flooding/Schoharie Cr. bridge fails/vehicles fall, I-90 ~Fort Hunter<sup>155</sup> NY--10  
6269. 1987 -- Apr 23, construction collapse, L'Ambiance Plaza Apartments, Bridgeport, CT-28  
6270. 1987 -- May 17, USS *Stark* hit by Iraqi Air Force Mirage missiles, Persian Gulf -- 37  
6271. 1987 -- May 22, tornado, F4, Saragosa, Reeves County, TX -- 30  
6272. 1987 -- summer heat, esp. Philadelphia/50, MO/28, FL/24, GA/24, TX/23, AR/21<sup>156</sup>-388  
6273. 1987 -- June 22, US Army helicopter reservist training flight crash, Ft. Hood, TX --all 10  
6274. 1987 -- July 02, immigrants die in 120-degree locked railroad car, Sierra Blanca, TX-- 18  
6275. 1987 -- July 04, private (band) Beechcraft crash, near Flathead Lake, Lakeside, MT-- 10  
1987 -- July 11/12, man shoots parents/in-laws/wife/2 children/himself, Federal Way WA-8  
6276. 1987 -- July 17, flash flood, church youth bus & van swept into river ~Comfort, TX-- 10  
6277. 1987 -- Aug 16, Northwest Airlines flight 255 takeoff crash, hits cars, Detroit, MI -- 156  
6278. 1987 -- Sep 30, fire, residence, Milwaukee, WI -- 12  
6279. 1987 -- Oct 20, USAF A-7D jet crash, Ramada Inn, Wayne Twp., ~Indianapolis, IN-- 10  
6280. 1987 -- Nov 15, Continental Airlines flight 1713 DC-9 takeoff crash, Denver, CO -- 28  
6281. 1987 -- Nov 15, tornadoes, TX (10 deaths) and LA (1) -- 11  
6282. 1987 -- Nov 23, Ryan Air flight 103, Beechcraft 1900C, approach crash, Homer, AK-- 18  
6283. 1987-- Dec 7, mass murder, pilots shot/plane crash, Pac. SW Air 1771, Cayucos, CA--43  
6284. 1987 -- Dec 21, Petroleum Helicopters, Inc. oil rig landing crash, Gulf of Mx. off LA--15  
6285. 1987 -- Dec 22, 26, 28, R. Gene Simmons killing spree, Dover & Russellville, AR-- 16
6286. 1988 -- Chickenpox, US death rate 0.03 per 100K, esp. WY/0.22 (1), AK/018 (1) -- 83  
6287. 1988 -- Exposure to excessive natural cold/hypothermia; ICD9 E901.0; esp. IL/48 -- 431  
6288. 1988 -- HIV AIDS, US death rate 6.8, DC/39., NY/22., NJ/15., FL/11.7, CA/11 --16,602  
6289. 1988 -- Influenza, US death rate 0.79 per 100K; esp. ID/3.7, IA/2.5, MT/2.6, SD/3.3 --1,943  
1988 -- Measles, LA Co., CA/1 Palm Beach Co., FL/1 Palm Beach Co., OR/1 -- 3  
6290. 1988 -- Meningococcal Meningitis, ICD-9 code 036.0/death rate 0.04 per 100K, esp. CA/13--87  
6291. 1988 -- Tuberculosis, US death rate 0.78 per 100K, esp. DC/2.05, NY/1.61, HI/1.48 --1,921  
1988 -- Feb 16, Richard Wade Farley workplace shootings. ESL Inc., Sunnyvale, CA-- 7  
6292. 1988 -- Feb 19, AVAir Inc. Fairchild Metro III (Air Virginia) takeoff crash, Cary, NC- 12  
6293. 1988 -- Feb 25, Ft. Hood Army Chinook helicopter engine failure and crash, Chico TX-10  
6294. 1988 -- Mar 08, US Army Blackhawks collide mid-air, Fort Campbell, KY/TN<sup>157</sup> -- 17  
6295. 1988 -- May 14, church bus hit by drunk driver, Radcliff/Carrollton, KY -- 27  
6296. 1988 -- heat, summer (esp.); esp. IL/341, MI/121, IN/~44, MO/~44, MA/40, CA/37 --913-921  
1988 -- June 08, Air Nat. Guard C-130 crash, touch-and-go-landing, Greenville, MS-- 6  
6297. 1988 -- July 3, USS *Vincennes* missile cruiser shoots down Iran Air 655, Persian Gulf<sup>158</sup>--290  
6298. 1988 -- July 07, La Tienda Amigo Dept. Store collapse, heavy rain, Brownsville, TX-- 14  
1988 -- Aug 03, multi-vehicle pileup (burning field smoke), I-5 near Albany, OR -- 7  
6299. 1988 -- Aug 31, Delta Air flight 1141 takeoff crash/fire, Dallas/Fort Worth AP, TX-- 14  
6300. 1988 -- Oct 25, USMC CH-46/UH-1N helicopters crash, Goldwater Gun. Range, AZ-- 10

<sup>155</sup> The I-90 (NY State Thruway) Schoharie Creek bridge is about a mile south of Fort Hunter hamlet, Montgomery County, and about 5½ miles west of Amsterdam, NY, which is 37 miles northwest of the state capital of Albany.

<sup>156</sup> Does not include 18 illegal immigrants who died of dehydration and heat in locked RR car, Sierra Blanca, TX.

<sup>157</sup> The collision occurred over western KY-TN border, with one Blackhawk falling on KY side, the other in TN.

<sup>158</sup> No Americans killed, but an American disaster in the sense that a US Navy vessel, having intruded into Iranian territorial waters, shot down an Iranian passenger airliner without definitive knowledge that the target was a military one representing a threat. Indeed retrieved onboard screen shots demonstrated that the target had been identified with a civilian transponder code, at high altitude and ascending, rather than descending, as was claimed at the time.

6301. 1988 -- Dec 21, Pan Am Flight 103 blown-up over Lockerbie, Scotland --189 US of 270  
 1988 -- Dec 23, propane tanker hits wall explodes; parts hit house, cars, Memphis TN-- 9
- 1988 -- June 11-June 18, 2003, Charles Cullen Hospital Serial Killer, NJ, PA --35-45
6302. 1989 -- Chickenpox, US death rate 0.04 per 100K, esp. CA/0.06 (18), NJ/0.13 (10)-- 89  
 6303. 1989 -- Exposure to excessive natural cold/hypothermia; ICD9 code E901.0; esp. IL/45-524  
 6304. 1989 -- HIV AIDS, US death rate 8.9, DC/55.7, NY/26., NJ/20., FL/16., CA/15. --22,082  
 6305. 1989 -- Influenza, US death rate 0.64 per 100K; esp. IA/2.38, MT/2.1, ND/2.17, OR/2.0--1,593  
 6306. 1989 -- Malaria, ICD-9 codes 084.0-084.9, death rate 0.004 per 100,000 -- 11  
 6307. 1989 -- Measles, CDC reports 17,850 cases in 47 States and DC --45-62  
 6308. 1989 -- Meningococcal Meningitis, ICD-9 code 036.0, especially CA/20, NY/13 -- 88  
 6309. 1989 -- Tuberculosis, US death rate 0.80 per 100K, esp. DC/2.55; NY/1.63; LA/1.34--1,970  
 6310. 1989 -- Whooping Cough (ICD-9 code 033.0), 9 (under 1 year), 3 (1-4 years old) -- 12  
 6311. 1989 -- Jan 01, fire, rural single family house, Remer, MN -- 10  
 1989 -- Jan 17, school shooting, Cleveland Elementary, Stockton, CA<sup>159</sup> -- 5-6  
 6312. 1989 -- Jan 31, USAF SAC KC-135 tanker takeoff crash, Dyess AF Base, TX -- 19  
 6313. 1989 -- Jan 31-Feb 9, Arctic "Siberian Express" out of Alaska, two-thirds of US --76-91  
 6314. 1989 -- Feb 19, Las Vegas Flyers Cessna 402 crash, Santa Ana Mts. near Corona, CA--10  
 1989 -- Feb 24, cargo door fails/explosive decompress., United 811, leaving Honolulu, HI-- 9  
 6315. 1989 -- Mar 12, USAF CH-3C 'copter crash 20 miles NW of Tucson, ~Marana, AZ-- 15  
 6316. 1989 -- Mar 20, USMC Sea Stallion Helo engine mal./crash, Mt., ~Pohang, S. Korea-- 19  
 1989 -- Apr 01, Hatchie River bridge collapse, 5 vehicles fall, ~Covington, TN -- 8  
 6317. 1989 -- Apr 19, *USS Iowa* No. 2 turret explosion, near Puerto Rico -- 47  
 6318. 1989 -- May 29, USMC CH46 Sea Knight helicopter crash, trng. exer., off Okinawa-- 14  
 6319. 1989 -- June-Aug (esp.), heat, esp. CA/32, TX/23, MO/~18, AZ/15, MS 10 -- 201  
 6320. 1989 -- June 11, plane crash, Scenic Air Tours (N34AP), Waipio Valley, HI -- 11  
 6321. 1989 -- Jun 26-Jul 5, Tropical Storm Allison & remnants, esp., LA, MS, TX, NC, DE, NJ--20  
 1989 -- July 04, home fire, children locked in house, River Park Dr., Louisville, KY-- 6  
 6322. 1989 -- July 19, United Flight 232 hydraulic system failure/crash, Sioux City, IA<sup>160</sup>-- 112  
 6323. 1989 -- July 31-Aug 1, Hurricane Chantal, Texas and Louisiana; *Avco* 5 capsizes -- 13  
 6324. 1989 -- Sep 13, coal mine gas explosion, William Station Mine, Wheatcroft, KY -- 10  
 1989 -- Sep 14, assault rifle workplace mass murder (8)/suicide, Louisville, KY -- 9  
 6325. 1989 -- Sep 18 (Puerto Rico); 21-22 (SC/NC), Hurricane Hugo, also VA, NY, USVI-59-86  
 6326. 1989 -- Sep 21, truck and mission school bus collision/drownings, Alton, TX -- 21  
 6327. 1989 -- Sep 27, Grand Canyon Airlines Flight 5 (sightseeing) crash, Tusayan, AZ -- 10  
 6328. 1989 -- Oct 03, F/V *Northumberland* ruptures NG pipeline/explosion/fire ~Sabine Pass, TX--11  
 6329. 1989 -- Oct 05, fire, Hillhaven Rehabilitation and Convalescent Center, Norfolk VA-- 12  
 6330. 1989 -- Oct 17, Loma Prieta Earthquake, San Francisco Bay Area, CA --66-68  
 6331. 1989 -- Oct 23, ethylene explosion, Phillips Petroleum Co., Pasadena, TX -- 23  
 6332. 1989 -- Oct 28, Aloha Island Air flight 1712 flies into mt., Halawa Pt. Molokai, HI-- 20  
 6333. 1989 -- Nov 15, tornado, F4, Huntsville, Madison County, AL -- 21

<sup>159</sup> Five children, ages 6-9, before gunman killed himself. The question for some is does one count the murderer as a victim of this tragedy as well? The one person range in the sources reflect this question, with the exception of a source which incorrectly notes the death of one teacher (one teacher was injured.)

<sup>160</sup> 111 deaths at the time and one of the seriously injured who died 31 days later from their burn injuries.

6334. 1989 -- Nov 16, tornado, East Coldenham Elementary School, Newburgh, NY<sup>161</sup> -- 9-10  
 1989 -- Dec 01, plane crash, US Army CASA 212, Patuxent River NAS, MD -- 5  
 6335. 1989 -- Dec 02-03, heavy snow and traffic accidents, Michigan -- 16  
 6336. 1989 -- Dec 08-26, cold wave and winter snow storms eastern two-thirds of U.S. -- ≥126  
 6337. 1989 -- Dec 24, fire, John Seiver Center (retirement hotel), Johnson City, TN -- 16
6338. 1990 -- Chickenpox, US death rate 0.05 per 100K, esp. CA/26, NY/14, TX/10 -- 120  
 6339. 1990 -- Exposure to excessive natural cold/hypothermia; ICD9 code E901; esp. IL/45--596  
 6340. 1990 -- Influenza, US death rate 0.84 per 100K; esp. NE//3.5; IA/3.1; ID/2.3; SD/2.3--2,098  
 6341. 1990 -- Measles resurgence (largest loss of life since 1971), esp. young children --79-108  
 6342. 1990 -- Meningococcal Meningitis, ICD-9 code 036.0, especially CA, 13 deaths -- 72  
 6343. 1990 -- Tuberculosis, US death rate 0.73 per 100K, esp. DC/1.97; NY/1.63; MS/1.48--1,810  
 6344. 1990 -- Whooping Cough (ICD-9 code 033.0), 11 (under 1 year), 1 (1-4 years old)-- 12  
 6345. 1990 -- Jan 24, farm worker van goes into canal on curve in fog, near Clewiston, FL-- 10  
 6346. 1990 -- Jan 25, Avianca #52 runs out of fuel/crashes, Cove Neck, Long Island, NY-- 73  
 1990 -- Feb 19, teenagers/3 fall through thin ice, four rescuers die, Lake Convict, CA-- 7  
 6347. 1990 -- Feb 21, two USA 'copters crash (Iroquois/9, OH-58/2) ~Punta Diego, Panama Canal--11  
 6348. 1990 -- Feb 23 (evening)-24, snowstorm, cold front, wind, MI, IN, OH (blizzard) --22-23  
 1990 -- Feb 25, out-of-control car crosses I-65 median into path of Bus, Indianapolis, IN-- 6  
 6349. 1990 -- Mar 25, arson fire, Happy Land Social Club, Bronx, NY -- 87  
 6350. 1990 -- June-Aug, esp., heat, esp. CA/44 deaths AZ/30 TX/29 LA/21 AR/17 MS/14--300  
 6351. 1990 -- June 14, flash flood, Shadyside and vicinity, OH -- 26  
 6352. 1990 -- June 17-18, violence/shootings, esp. GMAC (18<sup>th</sup>), Jacksonville, FL<sup>162</sup> --11-12  
 6353. 1990 -- Aug 28, F5 tornado, Kendall and Will Counties (especially Plainfield), IL -- 29  
 6354. 1990 -- Aug 29, USAF C-5A Galaxy plane crash, Ramstein U.S. Air Base, Germany-- 13  
 6355. 1990 -- Oct 10-12, Tropical Storms Marco and Klaus remnants, FL, GA, SC, NC -- 12  
 1990 -- Dec 3, fog, runway collision/fire, Northwest 1482 & 299, DTW AP, Romulus MI-- 8  
 6356. 1990 -- Dec 11, fog, multiple-vehicle collisions, I-75 near Calhoun, TN -- 12
6357. 1991 -- Chickenpox, US death rate 0.03 per 100K, especially CA, 0.06 (17 deaths)-- 81  
 6358. 1991 -- Exposure to excessive natural cold/hypothermia; ICD9 E901 code, esp. IL/63--588  
 6359. 1991 -- Influenza, US death rate 0.45 per 100K; esp. NE/2.38, ND/1.73, IA/1.54 --1,137  
 6360. 1991 -- Measles resurgence, especially CA (8); NY (15); and PA (9) -- 38  
 6361. 1991 -- Meningococcal Meningitis, US death rate 0.02 per 100K, CA 0.03/10 deaths-- 59  
 6362. 1991 -- Tuberculosis, US death rate 0.68 per 100K, esp. DC/2.32. NY/1.62; AR/1.17--1,713  
 6363. 1991 -- Feb 01, landing plane/USAir 1493 hits SkyWest 5569 on runway, LAX, CA-- 34  
 1991 -- Feb 03, Cessna 182 parachute plane collides with private plane, Osceola, WI-- 7  
 6364. 1991 -- Feb 16, fire (extension cord related), apartment building, New Britain, CT -- 10  
 6365. 1991 -- Mar 03, United Airlines Boeing 737 plane crash, Colorado Springs, CO -- 25  
 6366. 1991 -- Mar 04, fire, Crystal Springs Estates Boarding Home, Colorado Springs CO-- 10  
 6367. 1991 -- Mar 16, Reba McEntire band charter plane crash, Otay Mt. ~San Diego, CA-- 10  
 6368. 1991 -- Mar 21, planes collide, US Navy P-3C's, SW off San Diego Coast, CA -- 27

<sup>161</sup> Seven children died immediately, two in hospitals shortly thereafter, and one by a car three days later, the driver of which was “gawking” at the tornado damage.

<sup>162</sup> James Edward Pough shot and killed two people on the 17<sup>th</sup>. The next day he killed six at the GM scene, then himself. Three died later. Thus nine died as result of June 18 attack. In all there were 11 murders and one suicide.

	1991	-- Apr 04, plane/helicopter collide (Sen. Heinz crash), Merion, PA (~Philly)	--	7
6369.	1991	-- Apr 05, Atlantic Southeast Air flight 2311 AP approach crash, Brunswick, GA	--	23
6370.	1991	-- Apr 26, tornadoes, KS (18 deaths); OK (4 deaths), esp. Andover area, KS	--	22
6371.	1991	-- June-Aug (esp.), heat, esp. July 15-27 Philadelphia heatwave (31); TX/25	--	200
6372.	1991	-- July 10, L'Express Airlines Flight 508 plane crash, near Birmingham, AL	--	13
6373.	1991	-- Aug 19-20, Hurricane Bob, coastal SC, NC, NY, and New England	--	15-16
6374.	1991	-- Sep 03, fire, chicken processing plant, Hamlet, NC	--	25
6375.	1991	-- Sep 11, Continental Express 2574 breakup and crash, near Eagle Lake, TX	--	14
6376.	1991	-- Oct 16, violence, rampage shooting, Luby's Restaurant, Killeen, TX <sup>163</sup>	--	23-24
6377.	1991	-- Oct 20, wildfire/firestorm, East Bay Hills, Oakland/Berkeley Hills, CA	--	25
6378.	1991	-- Oct 28-Nov 01, "Perfect Storm" nor'easter, East Coast, <i>Andrea Gail</i> lost	--	13
	1991	-- Nov 01, Gang Lu killing spree, University of Iowa, Iowa City, IA <sup>164</sup>	--	5-6
6379.	1991	-- Nov 29, dust storm, massive I-5 pileup, near Coalinga, CA	--	17
6380.	1991	-- Dec 9, West Side Apartment Building fire, Humboldt Park, Chicago, IL	--	10
	1991	-- Dec 28, trampling, Nat Holman Gym basketball game, City College, NY	--	9
6381.	1992	-- chickenpox, US death rate 0.04 per 100K, esp. TX (12 deaths) at 0.07	--	100
6382.	1992	-- exposure to excessive natural cold/hypothermia (ICD9 code E901), esp. PA/37-		558
6383.	1992	-- influenza, US death rate 0.39 per 100K; esp. ME/1.94; MT/1.21; WV/1.27--		1,006
6384.	1992	-- measles, especially young children	--	3-11
6385.	1992	-- meningococcal meningitis, US death rate 0.02 per 100K	--	61
6386.	1992	-- tuberculosis, US death rate 0.66 per 100K, esp. NY, 1.38; MS, 1.33	--	1,705
6387.	1992	-- Feb 06, KY ANG C-130 Hercules crash, hotel/rest. complex, Evansville, IN	--	17
	1992	-- Feb 13, fire/space heaters or smoking, row house (5 children), Camden NJ	--	8
6388.	1992	-- Mar 22, USAir 405 rashes on takeoff, ice on wings, LaGuardia, NYC	--	27
6389.	1992	-- Apr 22, plane crash, Perris Valley Aviation (skydivers), Perris, CA	--	16
6390.	1992	-- Apr 29-May 04, riots following Rodney King verdict, Los Angeles, CA	--	53-54
6391.	1992	-- June 02, fire, Nu-Way Development (adult foster care home), Detroit, MI	--	10
6392.	1992	-- June 19, Adventure Air crash, Grand Canyon sightseeing, ~Meadview, AZ	--	10
6393.	1992	-- July-Aug (especially), heat; especially CA/37, TX/20, AZ, GA, MS 10 each	--	155
	1992	-- July 07, arson fire set by mother kills 6 of her children, Baltimore, MD	--	6
	1992	-- Aug 21-22, gov. use of force violence, US Marshals/FBI, Ruby Ridge, ID	--	3
6394.	1992	-- Aug 24, 26, Hurricane Andrew, FL (89-90) esp. Dade Co., and LA (17)--		106-107
6395.	1992	-- Sep 07, Beechcraft parachuting plane crash, EXA Inc., Hinckley, IL	--	12
	1992	-- Sep 11, Hurricane Iniki (Category 4), Kauai, HI	--	6
	1992	-- Oct 07, WV Air National Guard C-130 plane crash, Berkeley Springs, WV	--	6
6396.	1992	-- Oct 29, USAF Pave Hawk helicopter crash ~Antelope Isl., Great Salt Lake, UT	--	12
	1992	-- Nov 8, home fire (fireplace ashes in box), South Jordan, ~Salt Lake, UT	--	5
6397.	1992	-- Nov 21-23, tornado outbreak, GA/6 KY/1 MS/15 NC/2 SC/1 TN/1	--	26
6398.	1992	-- Nov 30, two USAF C-141B Starlifters collide mid-air, ~9M no. Harlem, MT	--	13
	1992	-- Dec 05, fire (smoking in bed?), row house (8 children), Chester, PA	--	8
6399.	1992	-- Dec 10-13, East Coast nor'easter; snow/high waves/wind; esp. PA (9)	--	~23
	1992	-- Dec 17, fire, four-family apartment building, Auburn, WA	--	5

<sup>163</sup> Twenty-three killed by the shooter, who then killed himself.

<sup>164</sup> Four University of Iowa faculty and one student killed before gunman commits suicide.



6400.	1993	-- chickenpox, US death rate 0.04 per 100K, especially CA (17), NY (16)	-- 100
6401.	1993	-- exposure to excessive natural cold/hypothermia; ICD9 E901 code, esp. MI/42 <sup>165</sup>	--641
6402.	1993	-- influenza, US death rate 0.40 per 100K; esp. ID 2.62; VT 2.42; MT 1.54; OR 1.37	--1,044
6403.	1993	-- malaria, ICD-9 codes 084.0-084.9, death rate 0.005 per 100,000	-- 12
6404.	1993	-- meningococcal meningitis, US death rate 0.03 per 100K; esp. CA (10)	-- 70
6405.	1993	-- tuberculosis (US death rate 0.63 per 100K), esp. DC/2.51 and NY/1.16	--1,631
6406.	1993	-- Jan 05-Feb 28, winter storms; heavy rain/flooding/landslides, Southern, CA--	39
	1993	-- Jan 20, Inauguration Day wind storm, WA State	-- 5
	1993	-- Jan 25, CIA HQ shootings, Aimal Kasi, Route 123, Langley, VA	-- 2
	1993	-- Feb 26, World Trade Center terrorism bombing, NYC, NY	-- 6
	1993	-- Feb 27, arson fire/mass murder, apartment bldg., Providence, RI	-- 6
	1993	-- Feb 28, fire, apartment bldg. (8 children, 1 adult), Ludington, MI	-- 9
6407.	1993	-- Feb 28, shootout, Large ATF force attempts to serve David Koresh, Waco, TX <sup>166</sup> --	10
6408.	1993	-- Mar 12-14, Gulf/East Coast late winter storm <sup>167</sup> ; esp. FL/51 PA/52 --247 (US)--	318
6409.	1993	-- Mar 16, Paxton Hotel (single room occupancy) fire, Chicago, IL	-- 20
6410.	1993	-- Apr-Dec, Hantavirus Pulmonary Syndrome, esp. Native Americans, NM/AZ--	32
6411.	1993	-- Apr 19, FBI/ATF attack Branch Davidian compound/fire near Waco, TX --	75
	1993	-- Apr 19, plane crash, SD Governor Mickelson & party, near Zwingle, IA --	8
6412.	1993	-- May-early Nov, July (esp.), midwest flooding, esp. MS & MO Rivers	--72-84
6413.	1993	-- May 03, arson fire, apart./tenement bldg., Burlington Ave., Los Angeles, CA--	10
6414.	1993	-- June-Aug (esp.), heat, especially July 6-16 Philadelphia heatwave (118)	-- 311
6415.	1993	-- Sep 22, fog, barge hits bridge, Amtrak train derails into water/fire, ~Mobile AL--	47
6416.	1993	-- Dec 01, Terrain Express II Airlines/Northwest AirlinK crash, Hibbing, MN--	18
6417.	1993	-- Dec 24-30, coldwave/snow/sleet, MT to New Eng., south to OK and East --	26
	1993	-- Dec 31, avalanche, snowmobilers, Swan Range, near Bigfork, MT	-- 5
6418.	1994	-- Chickenpox, especially CA (17), MI (10), NY (10) and TX (48)	-- 124
6419.	1994	-- Exposure to excessive natural cold/hypothermia; ICD9 code E901 <sup>168</sup>	-- 633
6420.	1994	-- Influenza, US death rate 0.47 per 100K; esp. SD/2.6; MT/1.7; IA/ 1.5; NE/1.22--	1,229
6421.	1994	-- Meningococcal Meningitis, US death rate 0.03 per 100K; esp. CA/14, TX/12--	84
6422.	1994	-- Shigellosis (infectious diarrhea / bacillary dysentery) ICD-9 code 004.0	-- 13
6423.	1994	-- Tuberculosis, ICD-9 code 010-018, death rate 0.56 per 100K, esp. DC, 1.86 --	1,478
6424.	1994	-- Jan 04-05, nor'easter, heavy snow, East Coast, esp. northeast, esp. PA/10	-- ~17
6425.	1994	-- Jan 05, Kimura International Air (charter) crash, near Fort Drum, FL	-- 10
	1994	-- Jan 09, fire, clothing on heating grate, row house (6 children), Baltimore, MD--	7
6426.	1994	-- Jan 14-21, winter extreme cold and snow, Northeast, Midwest, South <sup>169</sup>	--78-110
6427.	1994	-- Jan 17, Northridge Earthquake, Los Angeles vicinity, CA	--71-72
	1994	-- Jan 30, van apparently driven into path of tractor-trailer, near Howell, MI	-- 7
	1994	-- Feb 8, Fargo ND van hits snowplow in whiteout, I-94 ~Alexandria, MN	-- 7
6428.	1994	-- Feb 8-13, Southeast, Southwest, Midwest ice, snow, freezing rain, sleet	-- ≥15

<sup>165</sup> Will be some double-counting in that there were no doubt hypothermia deaths in the dated winter events below.

<sup>166</sup> See April 19, 1993 for FBI/ATF attack, wherein 75 Davidians (including 25 children) died.

<sup>167</sup> Sometimes referred to as the "Superstorm of 1993," or the "Storm of the Century."

<sup>168</sup> Undoubtedly includes exposure deaths from date specific storms and extreme cold noted below.

<sup>169</sup> There were *Associated Press* reports dated Jan 21 and 22 noting, depending on the report, 113, over 130, and 142 weather-related deaths, but we have not been able to verify this reporting.

- 1994 -- Feb 26, fire from candle; rowhouse; power turned off, west Baltimore, MD-- 9  
6429. 1994 -- Mar 09, pickup truck with 20 illegals wrecks, I-15 near Barstow, CA -- 12  
6430. 1994 -- Mar 23, USAF C-130/F-16 collide, F-16 hits troops on ramp, Pope AFB, NC-- 24  
6431. 1994 -- Mar 27, tornadoes, esp. Cherokee/20, Pickens/9, Lumpkin/3 counties, AL -- 40  
6432. 1994 -- Apr 14, two USAF F-15s shutdown 2 USA Black Hawks, No. Iraq --15US of 26  
6433. 1994 -- June-Aug esp., heat, esp. AZ/47 (esp. July) CA/33, PA/22 (esp. July 5-10) TX/16-- 221  
1994 -- June 16, lightning, Lake Moomaw, Bath County, VA -- 5  
6434. 1994 -- June 18, Mexican Charter Learjet crash, Dulles IAP approach, Chantilly, VA-- 12  
6435. 1994 -- July 02, USAir Douglas DC-9 flight 1016 approach crash/fire, Charlotte, NC-- 37  
6436. 1994 -- July 03, tractor trailer broadsides pickup truck near Snyder, west TX -- 11  
6437. 1994 -- July 03, tractor trailer rear-ends family van, Interstate 20, Weatherford, TX-- 14  
6438. 1994 -- July 04-10, Tropical Storm Alberto flooding, dam failures, AL, esp. GA --34-37  
6439. 1994 -- July 06, South Canyon Wildfire, Storm King Mt., Glenwood Springs, CO -- 14  
6440. 1994 -- Aug 21, SUV crosses center-line, hits sedan, hwy. Alt 97 ~Wenatchee, WA-- 11  
6441. 1994 -- Sep 08, US Air Flight 427 crash, Aliquippa, near Pittsburgh Airport, PA -- 132  
6442. 1994 -- Oct 16-20 and 22, flash flooding/flooding, esp. Southeast TX --19-22  
6443. 1994 -- Oct 31, plane crash, American Eagle Flight 4148, Icing, near Roselawn, IN-- 68  
6444. 1994 -- Nov 13-18, Hurricane/Tropical Storm Gordon, especially FL -- 11  
6445. 1994 -- Dec 13, American Eagle Flight 3379 (Flagship Air) approach crash, ~Raleigh, NC--15
6446. 1995 -- Adenovirus infection, ICD-9 code 079.0, death rate 0.004 per 100,000 -- 11  
6447. 1995 -- Chickenpox, esp. children <9 (38) and 25-34 (30), esp. PA (10), TX (12) -- 115  
6448. 1995 -- Exposure to excessive natural cold/hypothermia (ICD9 code E901); esp. IL/41- 553  
6449. 1995 -- Influenza, ICD-9 code 487.0; US death rate 0.23 per 100K; esp. WV, 1.32 -- 606  
6450. 1995 -- Meningococcal Meningitis, ICD-9 code 036.0; death rate 0.03 -- 82  
6451. 1995 -- Tuberculosis, ICD-9 code 010-018, death rate 0.5 per 100K, esp. DC, 1.89--1,336  
1995 -- Whooping Cough (ICD-9 code 033.0), 6 <1 year old -- 6  
6452. 1995 -- Apr 09, dust storm-related vehicle accidents, Bowie, AZ -- 10  
1995 -- Apr 17, plane crash, USAAF C-21 Learjet, ~Alexander City Airport, AL -- 8  
6453. 1995 -- Apr 19, Oklahoma City bomb, Alfred P. Murrah Federal Building, OK -- 168  
6454. 1995 -- May 5, Th-storm, flash flooding, roof collapse, lightning, Dallas area, TX --20-24  
6455. 1995 -- Jun-Aug, esp. July 12-17, heat, esp. IL/>700 WI/154 PA/146 MO/58--1,563--1,601  
1995 -- Aug 2, Hurricane Erin, Central and Panhandle FL and off FL Coast -- 8  
6456. 1995 -- Aug 13-19 Hurricane Felix, especially NC and NJ (also VA and RI) -- 12  
1995 -- Aug 21, plane crash, Atlantic Southeast Airlines 529, near Carrollton, GA<sup>170</sup>-- 9  
6457. 1995 -- Aug 23-28, Tropical Storm Jerry, especially FL, SC, NC -- 13  
6458. 1995 -- Sep 10, plane crash, Peninsula Sky Diving Club, West Point, VA -- 12  
6459. 1995 -- Sep 15-16, Hurricane Marilyn, U.S. Virgin Islands, Puerto Rico -- 10  
6460. 1995 -- Sep 22, bird strike, USAF AWACS Sentry crash, Elmendorf AFB, AK -- 24  
6461. 1995 -- Oct 04, Hurricane/Tropical Storm Opal, FL panhandle, NC, esp. AL & GA-30-34  
1995 -- Oct 25, school bus stopped at crossing hit by train, Fox River Grove, IL -- 7  
6462. 1995 -- Dec 20, American Air 965 crash, incorrect approach, Buga, Colombia --≤46 US of 159
6463. 1996 -- Chickenpox (Varicella), ICD-9 code 052 -- 81  
6464. 1996 -- Exposure to excessive natural cold/hypothermia; ICD9 code E901; esp. PA/43<sup>171</sup>--685

<sup>170</sup> Eight fatalities at the time or shortly thereafter; one passenger four months later due to burns/inhalation injuries.

6465. 1996 -- Influenza, ICD-9 code 487; US death rate 0.276 per 100K; esp. SD (1.616)-- 745  
6466. 1996 -- Meningococcal Meningitis, ICD-9 code 036.0; death rate 0.03 -- 82  
6467. 1996 -- Tuberculosis, ICD-9 code 010-018, death rate 0.45 per 100K, esp. DC, 1.92 --1,202  
6468. 1996 -- Jan 6-9; blizzard/snow; Midwest/South/& esp. East Coast/Northeast --154-208  
6469. 1996 -- Jan 19-20, East Coast flooding, especially PA (19) and NY (10) -- 38  
1996 -- Feb 5-9, heavy rain, flooding, mudslides, Pacific Northwest, esp. western OR-- 9  
1996 -- Feb 9, Fired city worker shoots five former coworkers, self, Fort Lauderdale FL<sup>172</sup>-- 5-6  
6470. 1996 -- Feb 16, MARC 286 / Amtrak 29 trains collide/fire near Silver Spring, MD-- 11  
1996 -- Mar 07, US Army Chinook from Fort Campbell crash near Olmstead, KY -- 5  
6471. 1996 -- Apr 03, USAF plane crash (Commerce Sec. Ron Brown), ~Dubrovnik, Croatia-- 35  
6472. 1996 -- May 10, two U.S. Marine helicopters collide, Camp LeJeune, NC -- 14  
6473. 1996 -- May 11, ValuJet Flight #592 cargo hold fire and crash, Everglades, FL -- 110  
6474. 1996 -- June-Aug esp., heat, especially AZ/54, CA/40, TX/39, OK/15, GA/11, IL/10--249  
6475. 1996 -- June-Aug (esp.), heat-related deaths, esp. AZ (54) OK (15) TX (13) -- 124  
1996 -- June 18, Army transport helicopters collide/crash, Fort Campbell, KY -- 6  
6476. 1996 -- July 09 (Puerto Rico), and 12-13 (East Coast), Hurricane Bertha, esp. NC -- 12  
6477. 1996 -- July 17, TWA Flight 800, from JFK to Paris, fuel tank explodes, NY -- 230  
1996 -- July 27, Centennial Olympic Park bombing, Atlanta, GA -- 2  
1996 -- Aug 17, USAF C-130 crash, Presidential support mission, ~Jackson Hole, WY--9  
6478. 1996 -- Sep 5-6, Hurricane Fran, SC, NC, VA, WV, MD, DC, PA, especially NC --40-42  
6479. 1996 -- Sep 09, Hurricane Hortense, rain, flash floods, mudslides, Puerto Rico --21-24  
1996 -- Nov 18-20, Pacific Northwest storm/rain/mudslides/ice/snow, OR, WA<sup>173</sup> -- 8  
6480. 1996 -- Nov 19, runway collision, United Express 5925 & Pvt. King Air, Quincy IL-- 14  
6481. 1996 -- Nov 21, propane gas explosion, commercial building, San Juan, Puerto Rico-- 33  
6482. 1996 -- Nov 22, USAF Hercules engine loss/crash, Pacific near Cape Mendocino, CA--10  
6483. 1996 -- Dec 26-Jan 3 '97, storms, snow, heavy rain, snowmelt, flooding, CA/OR/WA--19  
  
6484. 1997 -- Adenovirus infection, ICD-9 code 079.0, death rate 0.004 per 100,000 -- 11  
6485. 1997 -- Chickenpox (Varicella), ICD-9 code 052, especially CA (12) -- 99  
6486. 1997 -- Exposure to excessive natural cold/hypothermia (ICD9 code E901); esp. IL/36--501  
6487. 1997 -- Influenza, ICD-9 code 487.0; US death rate 0.26 per 100K; esp. KS (0.99)-- 720  
6488. 1997 -- Meningococcal Meningitis, ICD-9 code 036.0; death rate 0.03; esp. CA/12-- 89  
6489. 1997 -- Tuberculosis, ICD-9 code 010-018, death rate 0.43 per 100K, esp. HI, 0.99 --1,166  
1997 -- Whooping Cough (ICD-9 code 033.0), 6 <1 year old -- 6  
6490. 1997 -- Jan 07-18, winter snow and cold, San Diego County Mountains, CA -- 14  
6491. 1997 -- Jan 9, Comair 3272 approach crash, snowstorm/icing, ~Monroe & Detroit, MI--29  
1997 -- Feb 23, Islamic terrorism/shooting, Empire State Building, NYC, NY -- 1  
6492. 1997 -- Mar 01, tornadoes; especially AR (27 deaths) MS (1 death) and TN (1)<sup>174</sup> -- 29  
6493. 1997 -- Mar 01-03, flash floods & flooding, esp. Ohio River Valley, esp. KY (21) --33-36  
6494. 1997 -- Mar ~23, mass suicide, Heaven's Gate Cult, Rancho Santa Fe, CA -- 39  
6495. 1997 -- May 13, fire, board and care facility, Harvey's Lake, PA -- 10

<sup>171</sup> This number may include fatalities recorded in the dated winter storms noted for 1996 below.

<sup>172</sup> Gunman killed five people and then committed suicide -- thus 6 deaths, including the gunman.

<sup>173</sup> Not included is the Dec 1 death of three members of Appler family (wife/mother and two children) when their car was hit by a semi after they stopped at a mudslide near Elkton, Douglas County, on the Umpqua River.

<sup>174</sup> Includes one indirect electrocution death in Pulaski County, AR, on March 2, during clean-up; male, 35.

6496.	1997	-- May 27, tornadoes, Jarrell (Williamson Co.); Lakeway (Travis Co.) TX	--28-29
6497.	1997	-- June-Aug esp., heat, especially PA/36 IL/29 AZ/23 TX/22 CA/19 LA/11	-- 182
6498.	1997	-- July 18-26, Hurricane and Tropical Storm Danny, Gulf, lower East Coasts	--10-12
6499.	1997	-- July 29, dump truck hits pickup truck, Albion, Concord Township, MI	-- 11
6500.	1997	-- July 30, high schoolers' SUV in no-passing zone, hit by truck, ~Plymouth NC	-- 10
6501.	1997	-- Aug 6, Korean Air 801 approach crash Antonio B. Won IAP, Guam-13US of 229	
6502.	1997	-- Aug 12, flash flood, hikers drown, Antelope Canyon, near Page, AZ	-- 11
6503.	1997	-- Sep 09, van/pickup collide/burn, hwy. 1, ~San Julian Ranch & Lompoc, CA	-- 11
6504.	1997	-- Oct 24-25, blizzard, CO	-- 10
6505.	1997	-- Nov 16, van and semi-trailer highway collision in fog, Mendota, CA	-- 11
6506.	1998	-- adenovirus infection, ICD-9 code 079.0, death rate 0.01 per 100,000	-- 16
6507.	1998	-- chickenpox (varicella), ICD-9 code 052, especially CA (10)	-- 81
6508.	1998	-- exposure to excessive natural cold/hypothermia, ICD9 code E901, esp. VA/26	--420
6509.	1998	-- infectious colitis, enteritis, gastroenteritis, ICD-9 code 009.0, death rate 0.124 per 100K	-- 342
6510.	1998	-- influenza, ICD-9 code 487.0; US death rate 0.62 per 100K; esp. MT (6.72)	--1,724
6511.	1998	-- meningococcal meningitis, ICD-9 code 036.0; death rate 0.03; esp. CA (13)	-- 73
6512.	1998	-- tuberculosis, ICD-9 code 010-018, death rate 0.40 per 100K, esp. LA, 0.72	--1,112
	1998	-- whooping cough (ICD-9 code 033.0), 4 <1 year, 1 between 1 and 4 years	-- 5
6513.	1998	-- Jan 5-9, Gulf storm system; southern flooding (15); northeast ice storm (21)	-- 36
	1998	-- Jan 29, abortion clinic bombing, (Eric Rudolph), Birmingham, AL	-- 1
6514.	1998	-- Feb 22-23, tornadoes, Orange, Osceola, Seminole, Volusia counties, FL	-- 42
6515.	1998	-- Mar 20, tornado, Hall (Gainesville Area) and White counties, GA	-- 12
6516.	1998	-- Mar 22, fire, Mt. Cabin, Spring Break Youth, Madisonburg Mt. ~Madisonburg, PA	-- 11
	1998	-- Mar 24, Westside Middle School shootings, Jonesboro, AR	-- 5
6517.	1998	-- Apr 08, tornadoes, Oak Grove, Moody, Birmingham-Area, AL	-- 34
	1998	-- Apr 27, arson? fire, Arlington Manor elderly/disabled boarding home, Arlington, WA	--8
6518.	1998	-- June-Aug, heat, esp. July, esp. TX/120, AZ/74, LA/41, CA/32, OK/32	-- 435
	1998	-- July 26, racing crash, spectators killed, U.S. 500, Brooklyn, MI	-- 3
6519.	1998	-- Aug-Feb 1999 -- listeria-tainted hot dog and deli meat food poisoning deaths	-- 21
6520.	1998	-- Aug 21-24, Tropical Storm Charley, SW, Central TX, esp. Del Rio, TX	--`6-19
6521.	1998	-- Sep 2, Swissair 111 (NY to Geneva) crashes off Peggy's Cove, N.S., CA-117US of 229	
6522.	1998	-- Sep 4, two USAF Pave Hawk helicopters (6&6) collide at night, Nellis Range NV-12	
6523.	1998	-- Sep 21 (PR), 25-29, Hurricane Georges, Puerto Rico, AL, FL, GA, LA, MS	-- 17
6524.	1998	-- Oct 4, flash flooding, Kansas City area (11) and south St. Joseph, MO (1)	-- 12
6525.	1998	-- Oct 17-18, flash floods, Hill Country of Central TX <sup>175</sup>	-- 29
	1998	-- Dec 11, explosion, Independence Professional Fireworks Co., Osseo, MI	-- 7
6526.	1999	-- Adenovirus infection, ICD-10 code B34.0, death rate 0.004 per 100,000	-- 11
6527.	1999	-- Chickenpox (Varicella), ICD-10 code B01	-- 48
6528.	1999	-- Diarrhoea and Gastroenteritis of infectious origin; no State with 10 deaths	-- 96
6529.	1999	-- exposure to excessive natural cold/hypothermia; esp. NY/36, PA/36	-- 598
6530.	1999	-- excessive natural heat, esp. IL/153, PA/97, MO/92, TX/63, AZ/58, NY/56	--1,050
6531.	1999	-- Influenza, ICD-10 codes J09-11.8; US death rate 0.597 per 100K; esp. SD/4.913	--1,665

<sup>175</sup> Twenty-seven were drowning deaths, one of which was due to drowning after electrical shock from touching exposed wire in a boat while evacuating. Two were heart attacks, one while awaiting rescue and the other during.

6532.	1999	-- Meningococcal Meningitis, ICD-10 code A39.0; death rate 0.024; esp. CA/10	-- 67
6533.	1999	-- Streptococcal toxic shock syndrome, ICD-10 code A48.3, no state $\geq 10$ deaths	-- 55
6534.	1999	-- Tuberculosis, ICD-10 code A16-19, death rate 0.333 per 100K, esp. NM, 0.608	-- 930
	1999	-- Whooping Cough (ICD-10 code A37.0), all <1 year old	-- 7
	1999	-- Jan 01, fire, Hatfield home (from LP gas heater in garage), Ceylon, MN	-- 6
6535.	1999	-- Jan 01-05, winter storms/cold, esp. Midwest; most esp. Chicago vic., IL--89~100	
	1999	-- Feb 01, boiler explos., Ford Motor's River Rouge complex, Dearborn, MI	-- 6
6536.	1999	-- Mar 15, Amtrak train & truck collision, grade crossing, Bourbonnais, IL	-- 11
	1999	-- Mar 21, avalanche/snowmobilers buried, Turnagain Pass, Kenai Mts., AK	-- 6
	1999	-- Mar 29, explosion, Independence Professional Fireworks Co., Osseo, MI	-- 5
6537.	1999	-- Apr 20, Columbine High School shooting, Columbine, CO <sup>176</sup>	--13-15
	1999	-- May 01, VisionAire 500 Race crash/spectators killed by debris; Concord, NC	-- 3
6538.	1999	-- May 01, <i>Miss Majestic</i> DUKW tour boat sinks off St. John's Isl., Lake Hamilton, AR	--13
6539.	1999	-- May 03, tornadoes (74; 58 in OK); KS (6 deaths) & especially OK (45) <sup>177</sup>	--51-55
6540.	1999	-- May 09, chartered casino bus crash, New Orleans, LA	-- 22
6541.	1999	-- June 01, American Airlines 1420, storm/landing crash, Little Rock, AR	-- 11
	1999	-- June 04, speeding car runs light, hits car with 3 retired couples, Boca Raton, FL	--6
6542.	1999	-- July 27-29, workplace shootings/9; family killed/3; suicide/1; Atlanta, GA	-- 13
6543.	1999	-- July 31, takeoff crash/Parahawks Skydiving Center plane, Marine City, MI	-- 10
6544.	1999	-- Aug 09, farm worker van collides with truck, Five Points, CA	-- 13
6545.	1999	-- Sep 15-17, Hurricane Floyd, Mid Atlantic, Northeast, particularly NC	--88-89
6546.	1999	-- Sep 25, Big Island Air flight 58 sightseeing crash, Mauna Loa volcano, HI	-- 10
	1999	-- Sep 25, I-84 pileup/dust storm/high wind/wheat field under plow ~Pendleton OR	--8
	1999	-- Oct 15-16, Hurricane Irene, Cape Sable FL NE through So. FL to Atlantic	-- 8
6547.	1999	-- Oct 31, Egypt Air 990 crash, mass murder, off Nantucket Island MA	-- 217
	1999	-- Nov 02, workplace mass murder shootings, Xerox, Honolulu, HI	-- 7
6548.	1999	-- Nov 18, Texas A&M University bonfire stack collapse, College Station, TX	-- 12
6549.	1999	-- Dec 04, illegal worker van collides with 18-wheeler, I-40 ~Albuquerque, NM	--13
6550.	2000	-- Adenovirus infection, ICD-10 code B34.0, death rate 0.004 per 100,000	-- 11
6551.	2000	-- Chickenpox (Varicella), ICD-10 code B01	-- 44
6552.	2000	-- Diarrhoea/Gastroenteritis, Infectious Origin; no State as many as 10 deaths	-- 65
6553.	2000	-- exposure to excessive natural cold/hypothermia; ICD-10 code X31, esp. PA/48	--742
6554.	2000	-- excessive natural heat, esp. TX/135, AZ/66, CA/49, LA/23, MO/22, PA/17	-- 494
6555.	2000	-- Influenza, ICD-10 codes J09-11.8; US death rate 0.63 per 100K; esp. SD (3.05)	--1,765
6556.	2000	-- Meningococcal Meningitis, ICD-10 code A39.0; death rate 0.025; esp. CA (15)	-- 71
6557.	2000	-- Streptococcal toxic shock syndrome, ICD-10 code A48.3, esp. CA (11)	-- 74
6558.	2000	-- Tuberculosis, ICD-10 code A16-19; death rate 0.276 per 100K, esp. LA, 0.559	-- 776
6559.	2000	-- Whooping Cough (ICD-10 code A37.0), (all under 1 year-old)	-- 12
6560.	2000	-- Jan 23, icy-road, multi-vehicle collision and fire, I-29 near Platte City, MO	-- 10
6561.	2000	-- Jan 31, Alaska Airlines Flight 261 crash, off Point Mugu, Ventura Co., CA	-- 88
6562.	2000	-- Feb 13-14, Georgia tornadoes, esp. Camilla, Mitchell County, GA	-- 19
6563.	2000	-- Apr 08, USMC tilt-rotor Osprey V-22 crash, Marana Airport ~Tucson, AZ	-- 19

<sup>176</sup> Two seniors killed 12 students and 1 teacher before committing suicide; thus 13 victims and 15 total deaths.

<sup>177</sup> We show a range of 51-55 in that we have one NWS source noting 55 fatalities and several other NWS and NOAA sources noting 45-46. We have been able to identify fifty-one deaths, including five indirect fatalities.

6564. 2000 -- May 21, charter plane crash (low fuel), Executive Air, ~Wilkes Barre, PA -- 19  
6565. 2000 -- Aug 09, USN charter Patuxent Air & private plane collide, Burlington, NJ-- 11  
6566. 2000 -- Aug 19, El Paso natural gas pipeline rupture and fire, Carlsbad, NM -- 12  
6567. 2000 -- Oct 12, suicide terrorism, USS *Cole* bombed, Port of Aden, Yemen -- 17  
6568. 2000 -- Dec 16, tornadoes, Geneva (1 fatality) and Tuscaloosa (11 deaths), AL -- 12  
6569. 2000 -- Dec 25-27, ice and snow storms, Southern Plains, especially OK and TX --58-59

6570. 2001 -- Adenovirus infection, ICD-10 code B34.0, death rate 0.004 per 100,000 -- 12  
6571. 2001 -- Chickenpox (Varicella), ICD-10 code B01 -- 26  
6572. 2001 -- Diarrhoea/Gastroenteritis, infectious origin; no State as many as 10 deaths-- 56  
6573. 2001 -- exposure to excessive natural cold/hypothermia; ICD-10 code X31; esp. MI/29-- 599  
6574. 2001 -- excessive natural heat, esp. AZ/74, TX/59, MO/41, IL/38, FL/30, CA/29, PA/28--538  
6575. 2001 -- Influenza, ICD-10 codes J09-11; US death rate 0.09 per 100K; esp. WI (0.20) -- 257  
2001 -- Malaria, ICD-10 codes B50-B54, death rate 0.003 per 100,000 -- 9  
6576. 2001 -- Meningococcal Meningitis, ICD-10 code A39.0; no state over 9 deaths -- 61  
6577. 2001 -- Streptococcal toxic shock syndrome, ICD-10 code A48.3, esp. CA (10) -- 75  
6578. 2001 -- Tuberculosis, ICD-10 code A16-19, death rate 0.268 per 100K, esp. DC, 1.741-- 764  
6579. 2001 -- Whooping Cough, ICD-10 code A37.0, (16 under 1 year; 1, 1-4 years-old)-- 17  
6580. 2001 -- Jan 03, single family dwelling fire, Oak Orchard, Sussex County, DE -- 11  
6581. 2001 -- Jan 26, black ice highway accident, Salvation Army van, Will Co., IL -- 11  
6582. 2001 -- Jan 27, charter plane crash, OK St. Univ. basketball members, Strasburg, CO-- 10  
2001 -- Mar 03, lightning starts house fire, Montgomery, AL -- 5  
6583. 2001 -- Mar 03, USAF C-23 plane crash (VA NG (18) FL ANG (3)), Unadilla, GA-- 21  
6584. 2001 -- Mar 29, Avjet Corp. Gulfstream III charter crash on approach, Aspen, CO -- 18  
2000 -- Mar 29, Hailstorm, man hit in head by softball-sized hail, Fort Worth, TX -- 1  
6585. 2001 -- Apr 01-02, fishing boat *Arctic Rose* (homeport Seattle, WA) sinks, Bering Sea-15  
6586. 2001 -- May ~24,illegal immigrants abandoned by smugglers die of heat AZ desert-- 14  
6587. 2001 -- June 5-17, Tropical Storm Allison, FL/LA/MS/NC/PA/VA, especially TX--52-53  
6588. 2001 -- Sep 11, 9/11 Terrorist Attacks, WTC (NYC), Pentagon, Shanksville, PA --3,064  
--Sep 11, World Trade Center, American 11 and United 175, NY --2,830  
--Sep 11, American Airlines hits Pentagon, Arlington, VA -- 189  
--Sep 11, United Airlines N591UA crash Shanksville, PA -- 45  
2001 -- Sep 15, barge hits Queen Isabella causeway/span collapse, Port Isabel, TX-- 8  
2001 -- Sep 18-Nov 21, anthrax letters Terrorism, , DC FL GA MD NJ NY VA -- 5  
6589. 2001 -- Sep 23, Jim Walter Resources No. 5 Coal Mine gas explosion, Brookwood, AL--13  
2001 -- Oct 3, explosions and fire, Pyro Design and Development near Rochester, IN-- 5  
6590. 2001 -- Oct 10, PenAir flight 350 crash after takeoff (wing icing), Dillingham, AK-- 10  
6591. 2001 -- Nov 12, American Airlines flight 587 crash, Belle Harbor, Queens, NY -- 265

6592. 2002 -- adenovirus infection, ICD-10 code B34.0, death rate 0.004 per 100,000 -- 12  
6593. 2002 -- chickenpox (varicella), ICD-10 code B01 -- 32  
6594. 2002 -- diarrhoea/gastroenteritis of infectious origin, esp. CA/12 (above avg. .034 death rate)-- 93  
6595. 2002 -- exposure to excessive natural cold/hypothermia; ICD-10 code X31; esp. PA/47-- 646  
6596. 2002 -- excessive natural heat, esp. AZ/130, TX/62, PA/56, IL/54, MD/50, CA/44 -- 626  
6597. 2002 -- influenza, ICD-10 codes J09-11; US death rate 0.253 per 100K; esp. SD (2.237)-- 727  
6598. 2002 -- malaria, ICD-10 code B50-54, death rate 0.004 per 100K; all States <10 deaths -- 12

6599. 2002 -- meningococcal meningitis, ICD-10 code A39.0; no state over 9 deaths -- 53  
6600. 2002 -- streptococcal toxic shock syndrome, ICD-10 code A48.3, esp. CA (10) -- 78  
6601. 2002 -- tuberculosis, ICD-10 code A16-19, death rate .273 per 100K, esp. AR, .443-- 784  
6602. 2002 -- whooping cough (ICD-10 code A37.0), all 18 under 1 year-old -- 18  
6603. 2002 -- Jan 28-Feb 1, ice/snow storms, Plains, Midwest, Northeast, esp. OK and MI-- 29  
6604. 2002 -- Feb 22, US Army Chinook crashes at sea, exercise off Dumaguete Philippines-- all 10  
2002 -- Mar 26, retirement home bus crashes into van, Dodge County, WI -- 8  
2002 -- May 16, fire and rubber dust explosion, Rouse Polymerics, Vicksburg, MS-- 5  
6605. 2002 -- May 26, barge hits bridge, span collapse, vehicles fall, Webbers Falls, OK-- 14  
6606. 2002 -- July-Sep, Listeriosis food poisoning traced to sliceable turkey deli meat -- 7-10  
6607. 2002 -- Aug 07, plane crash, USAF Combat Talon II, Caguas, Puerto Rico -- 10  
6608. 2002 -- Sep 12, speeding van, off John's Bridge btwn. Eagle & Churchill Lakes, ME-- 14  
6609. 2002 -- Oct 2-24, DC beltway sniper killings, Washington DC Metro Area -- 10  
6610. 2002 -- Oct 11, fog, multi-vehicle pileup, I-43, near Cedar Grove, WI -- 10  
6611. 2002 -- Oct 13, decomposed bodies, illegal immigrants, found in railcar, Denison, IA-- 11  
6612. 2002 -- Nov 10, tornado outbreak, AL (12) MS (1) OH (5) PA (1) TN (15) -- 34  
2003 -- adenovirus infection, ICD-10 code B34.0, death rate 0.003 per 100,000 -- 8  
6613. 2003 -- chickenpox (varicella), ICD-10 code B01 -- 16  
6614. 2003 -- diarrhoea/gastroenteritis, infectious origin, esp. FL/17, NY/10 (above avg. death rate)-- 98  
6615. 2003 -- exposure to excessive natural cold/hypothermia; ICD code X31, esp. PA/46-- 620  
6616. 2003 -- excessive natural heat, esp. AZ/153, TX/64, CA/39, FL/22, NV/21, MO/19-- 426  
6617. 2003 -- influenza, ICD-10 codes J09-11; US death rate 0.618 per 100K; esp. ND (2.661)--1,792  
6618. 2003 -- meningococcal meningitis, ICD-10 code A39.0, CA only state over 9 deaths-- 49  
6619. 2003 -- streptococcal toxic shock syndrome, ICD-10 code A48.3 -- 71  
6620. 2003 -- tuberculosis, ICD-10 code A16-19, death rate 0.25 per 100K, esp. LA, 0.49 -- 711  
6621. 2003 -- whooping cough (ICD-10 code A37.0), 10 under 1 year-old -- 11  
2003 -- Jan 02, pickup with illegals crashes into tractor trailer, I-80 ~Menlo, IA -- 9  
6622. 2003 -- Jan 08, Air Midwest Flight 5481 takeoff crash (no survivors), Charlotte, NC-- 21  
2003 -- Jan 29, dust explosion, West Pharmaceutical Services Plant, Kinston, NC -- 6  
2003 -- Feb 01, Columbia Space Shuttle re-entry break-up over TX -- 7  
6623. 2003 -- Feb 17, stampede/crushing/asphyxiation, E2/Epitome Night Club, Chicago, IL-- 21  
2003 -- Feb 20, resin dust explosions/fire, CTA Acoustics, Corbin, Laurel Co., KY-- 7  
6624. 2003 -- Feb 20, fire and trampling, The Station Nightclub, West Warwick, RI -- 100  
6625. 2003 -- Feb 26, fire (set by patient), Greenwood Nursing Home, Hartford, CT -- 16  
6626. 2003 -- Mar 11, US Army Blackhawk helicopter crash, Fort Drum, NY -- 11  
6627. 2003 -- May 04, tornadoes, SE KS (8) MO (19) TN (11) esp. Denmark area -- 38  
6628. 2003 -- May 13-14, illegal immigrants suffocate, hot/airless milk trailer, Victoria TX-- 19  
6629. 2003 -- June 14, *Taki-Too* fishing charter capsizes crossing bar, Tillamook Bay Inlet, OR-- 11  
6630. 2003 -- June 29, apartment building balcony collapse, Lincoln Park, Chicago, IL -- 13  
6631. 2003 -- July 16, car collides with car and pedestrians, Santa Monica, CA -- 10  
6632. 2003 -- Sep 18-19, Hurricane Isabel, East Coast, especially VA and MD --55-56  
6633. 2003 -- Sep 25, fire, National Healthcare Center Nursing Home, Nashville, TN -- 16  
6634. 2003 -- Oct 15, ferry *Andrew J. Barberi* hits pier, St George Terminal, Staten Isl. NY-- 11  
6635. 2003 -- Oct 25-Nov 4, arson wildfires (esp. Cedar, Old Fire, Paradise), Southern CA --22-24  
6636. 2003 -- Dec 25, heavy rain, landslides/mudslides, San Bernardino Co., So. CA -- 16

6637.	2003-04	-- Pediatric Influenza-Associated Deaths reported from 40 States	-- 153
	2004	-- Adenovirus infection, ICD-10 code B34.0, death rate 0.003 per 100,000	-- 9
6638.	2004	-- Chickenpox (Varicella), ICD-10 code B01	-- 19
6639.	2004	-- Diarrhoea/Gastroenteritis, infectious origin, esp. FL/10, IL/10 (above avg. death rate)--	111
6640.	2004	-- exposure to excessive natural cold/hypothermia; ICD-10 code X31; esp. PA/45-676	
6641.	2004	-- excessive natural heat, especially AZ/130, TX/55, CA/39, FL/31, NV/14	-- ≥335
6642.	2004	-- Influenza, ICD-10 codes J09-11; US death rate 0.376 per 100K; esp. ME (1.827)-1,100	
6643.	2004	-- Meningococcal Meningitis, ICD-10 code A39.0 (all states below 10 deaths)--	38
6644.	2004	-- Streptococcal toxic shock syndrome, ICD-10 code A48.3, esp. CA (10)	-- 71
6645.	2004	-- Tuberculosis, ICD-10 code A16-19, death rate 0.22 per 100K, esp. KY, 0.36--	657
6646.	2004	-- Whooping Cough (ICD-10 code A37.0), 15 under 1 year-old	-- 16
6647.	2004	-- Mar 23, helicopter crash, Gulf of Mx., flying to oil rig ~60M off Galveston TX--	10
6648.	2004	-- Aug 13-14, Hurricane Charley, FL, SC, NC, VA, esp. SW & Central FL <sup>178</sup> --	34-40
6649.	2004	-- Aug 30-Sep 1, Hurricane Gaston, NC and especially VA	-- 10
6650.	2004	-- Sep 5-8, Hurricane Frances, FL, GA, SC, NC, OH (especially FL)	-- 64
6651.	2004	-- Sep 12, arson fire, Lincoln Park West Apts., Prairie Township, OH	-- 10
6652.	2004	-- Sep 15-18, Hurricane Ivan, tornadoes, AL, GA, MD, MS, NC; esp. FL	--51-72
6653.	2004	-- Sep 25-28, Hurricane Jeanne and remnants, esp. FL (also GA/SC/NC/VA)--	22
6654.	2004	-- Sep 20, tractor-trailer crosses median, hits pickup and SUV, ~Sherman, TX--	10
6655.	2004	-- Oct 09, MCI motorcoach crash, I-55 near Turrell, AR	-- 15
6656.	2004	-- Oct 19, Corporate Airlines (N875JX) plane crash, Kirksville, MO	-- 13
6657.	2004	-- Oct 24, Hendrick Motorsports missed approach crash into mountain, Stuart, VA--	10
6658.	2004-05	-- Pediatric Influenza -- multiple States	-- 47
6659.	2005	-- Adenovirus infection, ICD-10 code B34.0, death rate 0.005 per 100,000	-- 16
6660.	2005	-- Chickenpox (Varicella), ICD-10 code B01	-- 13
6661.	2005	-- Diarrhoea/Gastroenteritis, infectious origin, esp. CA/17, IL/11 (above avg. death rate)-	132
6662.	2005	-- Exposure to excessive natural cold/hypothermia; ICD-10 code X31; esp. MI/40-700	
6663.	2005	-- excessive natural heat, esp. AZ/244, NYC/~140, TX/111 CA/64, MD/47, NV/43--	939
6664.	2005	-- Influenza, ICD-10 codes J09-11; US death rate 0.613 per 100K; esp. SD (4.513)--	1,812
6665.	2005	-- Meningococcal Meningitis, ICD-10 code A39.0 (all states below 10 deaths)--	27
6666.	2005	-- Streptococcal toxic shock syndrome, ICD-10 code A48.3 (emerging disease)--	55
6667.	2005	-- Tuberculosis, ICD-10 code A16-19, death rate 0.22 per 100K, esp. LA, 0.39--	648
6668.	2005	-- Whooping Cough (ICD-10 code A37.0), 28 under 1 year-old	-- 31
	2005	-- Jan 06, train wreck and HazMat chlorine release, Graniteville, SC	-- 9
6669.	2005	-- Jan 10, landslide/mudslide, La Conchita, Santa Barbara County, CA	-- 10
6670.	2005	-- Jan 26, train hits parked SUV; derails; hits parked train, Glendale, CA	-- 11
6671.	2005	-- Mar 10, townhouse mattress fire, Marrero, LA	-- 11
6672.	2005	-- Mar 21, 16-year-old killing spree, Red Lake HS & vic., Red Lake, MN- <sup>179</sup> --	9-10
6673.	2005	-- Mar 23, Texas City BP refinery explosion, Texas City, TX	-- 15

<sup>178</sup> The range has to do with (1) the numbers various sources put forth for Florida fatalities, and (2) our uncertainty concerning the report of an indirect death in South Carolina, which we have not been able to identify.

<sup>179</sup> Killed were nine people -- shooter's grandfather and grandfather's girlfriend, a security guard at Red Lake High School, 5 high school students and one teacher, before 16-year-old high school student shooter committed suicide.



6674. 2005 -- Apr 06, US Army Chinook crash in sandstorm near Ghazni, Afghanistan --all 18  
 2005 -- May 21, home arson fire during child's birthday sleepover, Cleveland, OH-- 9
6675. 2005 -- July 10-13, Hurricane Dennis, GA and esp. FL (Santa Rosa Island landfall)-- 15
6676. 2005 -- Aug 25-31, Hurricane Katrina, AL/FL/GA/LA esp. NOLA & MS<sup>180</sup>- 1,833-1,836
6677. 2005 -- Sep 22-24, Hurricane Rita, FL Keys, Louisiana and especially Texas --111-124  
 2005 -- Sep 23, Hurricane Rita, nursing home evacuation bus burns, Wilmer, TX -- 23
6678. 2005 -- Oct 02, *Ethan Allen* tour boat capsizes, Lake George, near Cramer Point, NY-- 20
6679. 2005 -- Oct 24, Hurricane Wilma, Category 3, landfall SW coast of FL --26-37
6680. 2005 -- Nov 6, tornado, esp. Eastbrook Mobile Homes, Evansville; also Warrick Co., IN<sup>181</sup>--24-25
6681. 2005 -- Dec 19, Chalk's Ocean Airways Flight 101 plane crash, off Miami, FL -- 20
6682. 2005-06 -- Pediatric Influenza deaths reported to the CDC -- multiple States -- 46
6683. 2006 -- adenovirus infection, ICD-10 code B34.0, death rate 0.005 per 100,000 -- 15
6684. 2006 -- chickenpox (varicella), ICD-10 code B01 -- 18
6685. 2006 -- diarrhoea/gastroenteritis, infectious origin, esp. CA/20, PA/14 (above avg. death rate)--149
6686. 2006 -- exposure to excessive natural cold/hypothermia; ICD-10 code X31; esp. MI/37--519
6687. 2006 -- excessive natural heat, esp. CA/194, AZ/169, NY/148, TX/106, IL/51, PA/50 --1,104
6688. 2006 -- influenza, ICD-10 codes J09-11; US death rate 0.285 per 100K; esp. VE (1.605)-- 849
6689. 2006 -- meningococcal meningitis, ICD-10 Code A39.0 (all states below 10 deaths)-- 32
6690. 2006 -- streptococcal toxic shock syndrome, ICD-10 code A48.3 (emerging disease)-- 57
6691. 2006 -- tuberculosis, ICD-10 code A16-19, death rate 0.22 per 100K, esp. AR/.35, LA/.33-- 652
6692. 2006 -- Jan 02, lightning ignites gas/explosion, Sago Coal Mine, Tallmansville, WV-- 12  
 2006 -- Mar 11, residential fire/wood-burning stove probable cause, Shoals, IN -- 6  
 2006 -- Mar 11, fire, two-story home, Evensville, Rhea County, TN -- 9
6693. 2006 -- Mar 12, wildfire (fire/evac. accidents, 7 direct 5 indirect), Northeastern TX-- 12  
 2006 -- Mar 14, dam failure, Ka Loko (Kaloko) earthen dam, Kauai, HI -- 7  
 2006 -- Mar 26, mass-shooting, rave afterparty, Capitol Hill area, Seattle, WA<sup>182</sup> -- 6-7
6694. 2006 -- Apr 02, tornadoes, high-wind Storms, AR, IL, IN, MO, esp. NW TN --29-30  
 2006 -- Apr 07, fire, residential, propane lantern ignites mtl. in mobile home, Jacksonville, FL--6  
 2006 -- June 23, lightning strikes home/fire, Panama, OK -- 3  
 2006 -- July 20, fire due to over-heated refrigerator, residential home, Chickasha, OK-- 7
6695. 2006 -- Aug 7, SUV with illegals flips evading Border Patrol spike strip, ~Yuma, AZ--10
6696. 2006 -- Aug 27, plane crash/fire, Comair Flight 5191, Blue Grass AP, Lexington, KY--49  
 2006 -- Oct 02, shooting, West Nickel Mines School (Amish), Lancaster Co., PA<sup>183</sup>-- 5-6  
 2006 -- Oct 26, wildfire, Esperanza fire traps USFS Firefighters, San Jacinto Mts. So. CA-- 5
6697. 2006 -- Oct 31, arson fire, Mizpah Hotel, North Lake St., Reno, NV -- 12
6698. 2006 -- Nov 27, fire, Anderson Guest House (elderly/mentally-impaired), Anderson, MO-- 11
6699. 2006 -- Nov 29 (late)-Dec 1, winter storms, especially the Midwest --23-24
6700. 2006 -- Dec 13-22, windstorm, carbon monoxide poisonings (8), esp. Kings Co. WA-- 15

<sup>180</sup> There were 2 deaths in AL and 2 in GA. The numbers reflect those generally reported. We note “≥” (at least) in that there still are over 100 missing and presumed dead, as well as unreported health-related indirect deaths.

<sup>181</sup> The range has to do with whether sources cited include death of stillborn (8 months) Elaina Faith Warren, in Warrick County. Some sources note twenty-four fatalities, and some 25, including stillborn girl as the 25<sup>th</sup>.

<sup>182</sup> The shooter murdered six people aged 14, 15, 21, 22, 26 and 32. Committed suicide when police arrived.

<sup>183</sup> Ten girls aged 6-13 shot, five of whom died, before killer committed suicide in the schoolhouse.

	2006	-- Dec 17, carbon monoxide poisoning, car in apt. garage, Kirksville, MO	--	7
6701.	2007	-- adenovirus infection, ICD-10 code B34.0, death rate 0.005 per 100,000	--	15
6702.	2007	-- chickenpox (varicella), ICD-10 code B01	--	14
6703.	2007	-- diarrhoea/gastroenteritis, infectious origin, esp. IL/10, NJ/10 (above avg. death rate)--	127	
6704.	2007	-- exposure to excessive natural cold/hypothermia; ICD-10 X31 code; esp. NY/53-711		
6705.	2007	-- excessive natural heat, esp. AZ/134, CA/74, TX/43, MO/39, TN/34, SC/26--	582	
6706.	2007	-- influenza, ICD-10 codes J09-11; US death rate 0.14 per 100K; esp. IA (0.33)--	411	
6707.	2007	-- meningococcal meningitis, ICD-10 Code A39.0 (all states below 10 deaths)--	24	
6708.	2007	-- streptococcal toxic shock syndrome, ICD-10 code A48.3 (emerging disease)--	18	
6709.	2007	-- tuberculosis, death rate .184 per 100K, esp. TN/.389 above avg. death rate --	554	
6710.	2007	-- Jan 12-15, ice/winter storm, Plains, Midwest, Northeast, esp. SE OK	--	69
	2007	-- Jan 14, minivan slides on ice; crosses I-40 median; hits tractor-trailer, Elk City, OK--	7	
	2007	-- Jan 13, fire, Emmons Jr. Apartment building, Huntington, WV	--	9
6711.	2007	-- Feb 01-19, extreme cold/wind chill, Grundy, Kane and esp. Cook Co's., II--	12	
6712.	2007	-- Feb 02, F3 tornadoes, Lake Mack and Lady Lake, Lake Co., Central FL	--	21
6713.	2007	-- Feb 06, fire, single-family house, Bardstown, KY	--	10
	2007	-- Feb 17-18, avalanche deaths; Utah (4); Montana (2); Idaho (1)	--	7
6714.	2007	-- Mar 01, tornado outbreak (Prairie, Enterprise), Alabama	--	10
	2007	-- Mar 02, bus crash, baseball team bus, Bluffton Univ. OH, Atlanta GA	--	7
6715.	2007	-- Mar 07, fire, space heater initiated in row house, Bronx, NY	--	10
6716.	2007	-- Apr 16, Virginia Tech shootings, Blacksburg, VA	-- <sup>184</sup>	32-33
6717.	2007	-- May 04, tornado outbreak, Greensburg/11, Hopewell/1, Macksville/1, KS	--	13
	2007	-- May 22, fire (smoking materials), row house, east Baltimore, MD	--	8
	2007	-- June 18, fire, Sofa Super (furniture) store, firefighters killed, Charleston, SC--	9	
6718.	2007	-- Aug 01, bridge collapse, vehicles fall, Interstate 35W, Minneapolis, MN	--	13
	2007	-- Aug 06, Crandall Canyon coal mine wall collapse (3 rescuers die Aug 16), Emery Co., UT--	9	
6719.	2007	-- Aug 16-20, Tropical Storm Erin, Lamar, TX landfall to OK and MO	--	17-18
	2007	-- Oct 02, fire, 1,000 deep tunnel, Xcel hydroelectric plant, Georgetown, CO--	5	
6720.	2007	-- Oct 07, Kapowsin Air Sports (skydiving) plane crash, near Naches, WA	--	10
6721.	2007	-- Oct 20-Nov 09, wildfires (23), Southern CA	--	10
	2007	-- Oct 23, Univ. ND Piper 44 bird-strike, Minneapolis to Grand Forks, ND	--	2
	2007	-- Oct 28, fire, beach house (college students), Ocean Isle Beach, NC	--	7
6722.	2007	-- Nov 30-Dec 01, winter storms, especially the Midwest, also Northeast	--	≥16-19
6723.	2007	-- Dec 01-04, winter storm (The Great Coastal Gale of 2007) Pacific NW	--	13
6724.	2007	-- Dec 09-10, ice storm, especially Kansas and Tulsa, OK	--	35-36
6725.	2007	-- Dec 15-17, Midwest and East Coast snow storm	--	~10
6726.	2007	-- Dec 22-23, winter storm, Midwest, MN/WI/WY (3 each); TX (2); KS (1)	--	12-19
6727.	2007-08	-- Pediatric Influenza deaths reported to the CDC, multiple States	--	83
6728.	2008	-- adenovirus infection, ICD-10 code B34.0, death rate 0.005 per 100,000	--	16
6729.	2008	-- chickenpox (varicella), ICD-10 code B01	--	18
6730.	2008	-- diarrhoea and gastroenteritis of infections origin, esp. CA (17), NY (23)	--	134
6731.	2008	-- exposure to excessive natural cold/hypothermia; ICD-10 code X31, esp. MI/45--	641	

<sup>184</sup> Shooter killed 32 students and faculty; then committed suicide – making his death 33<sup>rd</sup>.

6732.	2008	-- excessive natural heat, esp. AZ/112, TX/66, CA/51, PA/36, NV/35, NC/25--	502
6733.	2008	-- influenza, ICD-10 codes J09-11; US death rate 0.57 per 100K; esp. SD (2.13)--	1,772
6734.	2008	-- meningococcal meningitis, ICD-10 Code A39.0 (all states below 10 deaths)--	31
6735.	2008	-- streptococcal toxic shock syndrome, ICD-10 code A48.3 (emerging disease)--	20
6736.	2008	-- tuberculosis, ICD-10 code A16-19, death rate 0.19; esp. MS (above avg. rate)	-- 585
6737.	2008	-- whooping cough (ICD-10 code A37.0), 18 under 1 year-old	-- 20
	2008	-- Jan 06, bus runs off road, rolls over, U.S. Rt. 163, Mexican Hat, UT	-- 9
6738.	2008	-- Feb 05-06, "Super Tuesday" tornado outbreak, AL, AR, KY, TN	--62-63
6739.	2008	-- Feb 07, Imperial Sugar Refinery explosion and fire, Port Wentworth, GA	-- 14
	2008	-- Feb 14, violence/classroom deaths, Northern Illinois Univ., DeKalb, IL-- <sup>185</sup>	-- 6
	2008	-- Feb 16, drag race car hits race watchers, Indian Head Hwy, Accokeek, MD--	8
	2008	-- Mar 04, bird strike, Cessna 500, near Wiley Post Airport, OK City, OK	-- 5
6740.	2008	-- Apr 03, residential fire, Brockway, PA	-- 10
6741.	2008	-- May 10, tornadoes, northeast Oklahoma and southwest MO	-- 21
6742.	2008	-- June 04-12, heavy rain leading to flash flooding and flooding, Midwest	-- 11
6743.	2008	-- June 20-Nov, wildfires (1 <sup>st</sup> death July 3/last Sep 11), esp. Iron/Alps Complex CA--	14
6744.	2008	-- Aug 08, chartered tour bus crash off bridge, U.S. Hwy. 75, Sherman, TX	-- 17
6745.	2008	-- Aug 22, Red Canyon Aesthetics & Medical Spa plane crash, ~Moab, UT	-- 10
	2008	-- Sep-Mar, 2009; salmonella food poisoning; peanut butter; ID/MN/NC/OH/VA--	9
6746.	2008	-- Sep 01, Hurricane Gustav, FL, GA, MS and especially LA	-- 53
6747.	2008	-- Sep 12, Metrolink 111 and Union Pacific train collision, Chatsworth, CA	-- 25
6748.	2008	-- Sep 12-14, <sup>186</sup> Hurricane Ike, AR, IL, IN, KY, LA, MI, OH, PA, TN, esp. TX--	>92
6749.	2008	-- Sep 28-Apr 18, 2009 -- Pediatric Influenza deaths CDC reported, 24 States/NYC <sup>187</sup> --	67
	2008	-- Dec 11, air taxi/commuter helicopter crash, Gulf of Mex., Sabine Pass, TX--	5
6750.	2008	-- Dec 24, Pardo mass shooting of wife, in-laws, self & arson deaths, Covina CA--	10
6751.	2008-09	-- influenza deaths (out of 1,585,938 US deaths)	-- 473
6752.	2009	-- adenovirus infection, ICD-10 code B34.0, death rate 0.006 per 100,000	-- 19
6753.	2009	-- chickenpox (varicella), ICD-10 code B01	-- 22
6754.	2009	-- diarrhoea and gastroenteritis of infectious origin (ICD-10 code A09)	--2,756
6755.	2009	-- exposure to excessive natural cold/hypothermia/ICD-10 code X31; esp. MI/45--	616
6756.	2009	-- excessive natural heat, esp. AZ/156, TX/79, CA/63, FL/39, IL/21	-- 555
6757.	2009	-- hepatitis A, ICD-10 code B15.0, US death rate 0.008 (no State over 9 deaths)	-- 26
6758.	2009	-- influenza (avian), <sup>188</sup> ICD-10 code J09 (US death rate 0.5 per 100K) esp. MT (1.3)	--1,557
6759.	2009	-- meningococcal meningitis, ICD-10 Code A39.0 (all states below 10 deaths)	-- 28
6760.	2009	-- streptococcal toxic shock syndrome, ICD-10 code A48.3 (emerging disease)--	21
6761.	2009	-- tuberculosis, ICD-10 code A16-19, esp. CA, LA, OK, TX (above avg. death rate)--	529
6762.	2009	-- whooping cough (ICD-10 code A37.0), all under 1 year-old	-- 15
	2009	-- Jan 04, Sikorsky helicopter hits hawk after takeoff, crashes ~Morgan City, LA--	8

<sup>185</sup> Five student victims and the gunman suicide.

<sup>186</sup> NWS has Ike as Sep 1-14. We use Sep 12-14 because the storm was off Texas coast on the 12<sup>th</sup> when deaths started occurring, making landfall the morning of Sep 13. The storm remnants moved up through the Midwest and easterly into southern Ontario and Quebec, Canada leading to direct loss of life due to flooding and high-wind tree/branch fall deaths through the 14<sup>th</sup>. Brown, et al. "Atlantic Hurricane Season of 2008," MWR, 5-2010.

<sup>187</sup> Sep 28, 2008-April 18, 2009 influenza season.

<sup>188</sup> Note this is different strain than the H1N1 "swine flu" outbreak that started in the Spring of 2009.

6763.	2009	-- Jan 26-29, ice and snow storm, esp. central/eastern U.S., esp. KY and AR	--	91
	2009	-- Jan 30, tour bus crash (loss of control and rollover), Dolan Springs, AZ	--	7
	2009	-- Feb 10, tornado, Lone Grove, OK	--	8
6764.	2009	-- Feb 12, Colgan Air/Continental Flight 3407 crash, Clarence Center, NY	--	50
6765.	2009	-- Mar 10, violence, Michael McLendon shooting spree, Geneva County, AL	--	10
6766.	2009	-- Mar 22, Pilatus PC-12/45 private jet crash, Butte-Bert Mooney AP, MT	--	14
6767.	2009	-- Apr 03, mass killings, Immigration Services Center, Binghamton, NY <sup>189</sup>	--	13-14
6768.	2009	-- Apr 12-Apr 10, 2010, H1N1 "Swine Flu" Pandemic (U.S.)	--	12,469
6769.	2009	-- Apr 15-Oct 2, 2010--Pediatric Influenza deaths during H1N1 Flu Pandemic <sup>190</sup>	--	348
6770.	2009	-- June 6, illegal immigrant (22) smuggling SUV blowout/rolls, ~Sonoita, AZ	--	11
6771.	2009	-- June 26, tractor-trailer hits multiple cars, Will Rogers Turnpike ~Miami, OK	--	10
	2009	-- Aug 08, private plane/helicopter collide, Hudson River, off Hoboken, NJ	--	9
6772.	2009	-- Sep 19-22, flooding from downpours, Greater Metropolitan Atlanta, GA	--	10
6773.	2009	-- Sep 29, tsunami, magnitude 8.0 earthquake 120M offshore, American Samoa	--	34
6774.	2009	-- Oct 26, US Army Chinook crash, dirt blown up from takeoff, anti-drug op., Afghanistan	--	10
	2009	-- Oct 29, USMC helicopter/USCG C-130 collide, ~San Clemente Is., CA	--	9
6775.	2009	-- Nov 05, violence, mass shooting, Army Major Hasan, Fort Hood, TX	--	13
6776.	2009	-- Dec 07-09, winter storm/blizzard, extreme cold, esp. Midwest to East Coast	--	24
	2009	-- Dec 22, dust storm/auto collisions, Casa Grande, south of Phoenix, AZ	--	3
6777.	2009-2010	(winter) -- Influenza deaths (out of 1,595,870 US deaths)	--	2,691
6778.	2010	-- Adenovirus infection, ICD-10 code B34.0, death rate 0.005 per 100,000	--	15
6779.	2010	-- Chickenpox (varicella), ICD-10 code B01	--	15
6780.	2010	-- Cold (exposure to excessive natural cold/hypothermia), ICD-10 code X31	--	710
6781.	2010	-- Diarrhoea and Gastroenteritis of Infections Origin (ICD-10 code A09)	--	2,741
6782.	2010	-- excessive natural heat, esp. AZ/228, TX/64, CA/46, NV/46, TN/45, PA/37	--	874
6783.	2010	-- HIV/AIDS, U.S., nationally	--	15,525
6784.	2010	-- Influenza, ICD-10 codes J09-J11; US death rate 0.2 per 100K; esp. AK, KS (.4) <sup>191</sup>	--	500
6785.	2010	-- Malaria, ICD-10 codes B50-B54, no State had at least 10 deaths	--	10
6786.	2010	-- Meningococcal Meningitis, ICD 10 Code A39.0	--	14
6787.	2010	-- Streptococcal toxic shock syndrome, ICD-10 code A48.3 (emerging disease)	--	24
6788.	2010	-- Tuberculosis, ICD-10 Code A16-19, esp. AL, CA, KY, TX (above avg. death rate)	--	569
6789.	2010	-- Viral Hepatitis, ICD-10 code B-15-19 (death rate 2.4 per 100K), esp. OK (4.9)	--	7,564
6790.	2010	-- Whooping Cough (ICD-10 code A37.0), 25 under 1 year-old	--	26
6791.	2010	-- Mar 13, nor'easter, heavy rain, strong wind, NJ, NY, CT, RI, WV	--	13
6792.	2010	-- Mar 26, highway crash, tractor-trailer hits ban, ~Munfordville, KY	--	11
	2010	-- Apr 02, explosion (heat exchanger), Tesoro Refinery, Anacortes, WA	--	7
6793.	2010	-- Apr 05, gas explosion, Upper Big Branch Coal Mine, Montcoal, WV	--	29
6794.	2010	-- Apr 20, drill rig <i>Deepwater Horizon</i> explosion, Gulf of Mexico, ~50m, LA	--	11
6795.	2010	-- Apr 24, tornado, central MS; Choctaw, Holmes and Yazoo County deaths	--	10
6796.	2010	-- May 01-02, severe storms with flash floods, tornadoes, KY, MS, esp. TN	--	31-35
6797.	2010	-- June 11, flash flood kills campers, Ouachita Mts., Albert Pike Rec. Area, AR	--	20

<sup>189</sup> Shooter shoots and kills thirteen people and then shoots himself fatally.

<sup>190</sup> Subset of 2,125 U.S. influenza deaths during the 2009-2010 Flu Season, including H1N1 Flu Pandemic.

<sup>191</sup> The ICD-10 Code for Influenza and Pneumonia (J09-J18), for 2010, shows 50,097 deaths (death rate of 16.2).

- 2010 -- Aug 2, drownings, non-swimmer teens; Red River, Shreveport, LA -- 6  
2010 -- Aug 3, workplace shootings, man kills 8 coworkers/self, Manchester, CT -- 9  
2010 -- Aug 14, Cal 200 Race crash into crowd, Soggy Dry Lake Bed, Mojave, CA-- 8  
6798. 2010 -- Sep-Aug 2011, pediatric influenza-associated deaths, 33 States -- 115  
2010 -- Sep 09, explosion/fire, Pacific Gas & Electric pipeline, San Bruno, CA -- 8  
2010 -- Dec 28, fire, abandoned warehouse used by homeless, New Orleans, LA -- 8
6799. 2010-11 (winter)--estimated excess Influenza & Pneumonia deaths (95%CI) --12,111-15,372
6800. 2011 -- adenovirus infection, ICD-10 code B34.0, death rate 0.007 per 100,000 -- 21  
6801. 2011 -- chickenpox (varicella), ICD-10 code B01 -- 14  
6802. 2011 -- diarrhoea & gastroenteritis of infections origin (ICD-10 code A09), esp. NJ --2,743  
6803. 2011 -- cold, exposure to excessive natural/hypothermia; 0.2 death rate; esp. AK<sup>192</sup>-- 672  
6804. 2011 -- excessive natural heat, esp. TX/183, AZ/177, PA/57, MO/52 IL/50 NY/45 --1,060  
6805. 2011 -- influenza, ICD-10 codes J09-11 (US death rate 0.5), esp. SD (2.3 per 100K)--1,532  
6806. 2011 -- meningococcal meningitis, ICD 10 Code A39.0 (no state 10 or more deaths)-- 26  
6807. 2011 -- streptococcal toxic shock syndrome, ICD-10 code A48.3 (emerging disease)-- 23  
6808. 2011 -- tuberculosis, ICD-10 Code A16-A19, esp. CA (108), NY, SC (above avg. DR)-- 539  
6809. 2011 -- viral hepatitis, ICD-10 code B-15-19 (death rate 2.5 per 100K), esp. DC (7.1) --7,850  
2011 -- Jan 8, mass shooting (inc. Gabby Giffords), grocery parking lot, Casas Adobes, AZ--6  
6810. 2011 -- Jan 29-Feb 3, Groundhog Day Blizzard (storm), Central, East, Northeast -- 36  
6811. 2011 -- Mar 12, World Wide Travel Casino tour bus crash, I-95, Bronx, NY -- 15  
6812. 2011 -- Apr 14-16, storms, wind, tornadoes, flash floods, AL, AR, MS, NC, OK, VA-- 46  
6813. 2011 -- Apr 25, severe storms, flash floods (6 dead), tornado (4), esp. Vilonia, AR-- 10  
6814. 2011 -- Apr 27, tornadoes, storms, flash floods, AL, AR, MS, TN, GA, VA, KY--341-350  
6815. 2011 -- May 22, tornado, Joplin, MO --161-163  
6816. 2011 -- May 24, tornadoes, OK, KS, Ark -- 17  
6817. 2011 -- Aug-Oct, listeriosis food poisoning from cantaloupes; packing facility ~Holly, CO--33  
6818. 2011 -- Aug 27-28, Hurricane Irene, CT/DE/FL/MD/MA/NH/NJ/NY/NC/PA/VA/VT -- 55  
6819. 2011 -- Sep 2-10, Tropical Storm Lee, AL/GA/LA/MS/TX/TN/VA/MD/PA/NJ/NY-- 22  
6820. 2011 -- Sep 16, National Championship Air Race plane crash, Grandstand, Reno, NV--11  
6821. 2011 -- Oct 29, "Winter" Nor'easter snowstorm, Northeast -- CT, MA, NJ, NY, PA-- 36  
2011 -- Nov 23, Ponderosa Aviation Inc. small plane crash, Superstition Mts., AZ -- 6
6822. 2011-2012 (Winter) -- estimated excess Influenza & Pneumonia deaths --3,691-4,747
6823. 2012 -- Adenovirus infection, ICD-10 code B34.0, death rate 0.007 per 100,000 -- 21  
6824. 2012 -- Chickenpox (Varicella), ICD-10 code B01, especially  $\geq 85$  (7) -- 16  
6825. 2012 -- Diarrhoea and Gastroenteritis of Infections Origin (ICD-10 code A09) --2,610  
6826. 2012 -- Exposure to excessive natural cold/hypothermia; esp. CA/32 NY/31 IL/25<sup>193</sup>- 501  
6827. 2012 -- excessive heat, esp. AZ/209, CA/66, TX/62, IL/54, MO/54, MD/46, VA/24-- 879  
6828. 2012 -- Fungal Meningitis outbreak from tainted steroid injections; esp. MI/19 TN/16--64  
6829. 2012 -- Influenza, ICD-10 codes J09-11; US death rate 0.4; SD, 2.5 per 100K --1,106

<sup>192</sup> Possibly includes deaths noted below in Jan 29-Feb 3 and Oct 29 storms.

<sup>193</sup> Possibly includes some deaths noted below during the Dec 25-27 winter storm, though we are unaware of any hypothermia deaths. Majority were weather-related vehicular, and at least three tree-fall-related.

6830.	2012	-- Meningococcal Meningitis, ICD 10 Code A39.0	-- 11
6831.	2012	-- Streptococcal toxic shock syndrome, ICD-10 code A48.3 (emerging disease)--	13
6832.	2012	-- Tuberculosis, ICD-10 Code A16-A19, especially CA (101) and TX (63)	-- 510
6833.	2012	-- Viral Hepatitis, ICD-10 code B-15-B19, esp. NM/99, AZ/291, CA/1,387	--8,062
6834.	2012	-- Whooping Cough (ICD-10 code A37.0), 15 under 1 year-old	-- 17
6835.	2012	-- Jan 29, smoke, haze and fog, Interstate 75 pileup, south of Gainesville, FL--	11
6836.	2012	-- Feb 30, severe weather, tornadoes, Harrisburg, IL, KS, KY, MO, NE, TN	-- 12
	2012	-- Mar-July 1, wildfires, Western U.S., esp. CA, CO, MT, SD, UT, WY	-- 8
6837.	2012	-- Mar 02, tornadoes, Midwest and South, esp. AL, GA, IN, KY, OH, TN	-- 39
	2012	-- Mar 24, fire, residential home, Charleston, WV	-- 9
	2012	-- Apr 02, violence, school shootings, Oikos University, Oakland, CA	-- 7
6838.	2012	-- June 29, derecho, esp. Mid-Atlantic, deaths: DC, KY, MD, OH, NJ, VA	--20-24
6839.	2012	-- July 20, James Holmes mass shooting, Century 16 Theater, Aurora, CO	-- 12
6840.	2012	-- July 22, pickup truck with 23 illegal immigrants crashes, US Hwy 59 ~Goliad, TX-14	
	2012	-- Aug 5, rampage mass shooting, Sikh Temple of WI., Oak Creek, WI <sup>194</sup>	-- 6-7
6841.	2012	-- Sep-Jan 2013, influenza (pediatric), multiple States	-- 171
6842.	2012	-- Oct 29-30, Hurricane Sandy, Mid-Atlantic, esp. NY, NJ, PA, MD,CT,WV <sup>195</sup>	154-182
6843.	2012	-- Dec 14, violence, mass shooting, Sandy Hook Elementary, Newtown, CT <sup>196</sup>	--27-28
6844.	2012	-- Dec 25-27, winter storm, AL AR IN KY LA OH OK NY PA TX VA	--16-17
	2012	-- Dec 30, tourist charter bus crash on icy I-84 near Pendleton, OR	-- 9
6845.	2012-2013	(Winter) -- estimated excess Influenza & Pneumonia deaths	--18,066-22,434
6846.	2013	-- Adenovirus infection, ICD-10 code B34.0, death rate 0.006 per 100,000	-- 20
6847.	2013	-- Diarrhoea and Gastroenteritis of Infections Origin (ICD-10 code A09)	--2,669
6848.	2013	-- Exposure to excessive natural cold/hypothermia, esp. IL NY PA MN AZ WI--	725
6849.	2013	-- Excessive natural heat, esp. AZ/151, NV/80, CA/67, TX/53, NY/42, IL/23--	651
6850.	2013	-- Influenza, ICD-10 codes J09-11, esp. SD (3.6) MT (3.5) ME (3.2) death rates	--3,697
6851.	2013	-- Malaria, ICD-10 Codes B50-B54	-- 10
6852.	2013	-- Meningococcal Meningitis, ICD 10 Code A39.0	-- 9
6853.	2013	-- Streptococcal toxic shock syndrome, ICD-10 code A48.3 (emerging disease)--	16
6854.	2013	-- Tuberculosis, ICD-10 Code A16-A19, especially CA (133) and TX (61)	-- 555
6855.	2013	-- Viral Hepatitis, ICD-10 code B-15-B19, esp. OR/6.0 death rate, DC/5.9	--8,157
6856.	2013	-- Whooping Cough (ICD-10 code A37.0), 10 under 1 year-old	-- 12
6857.	2013	-- Feb 08-09, winter storm Nemo, northeast, esp., CT, ME, MA, NH, NJ, NY--	18
	2013	-- Mar 09, fire, home (unknown cause), man, woman, 5 children, Gray, KY	-- 7
	2013	-- Mar 10, speeding SUV (teens) hits guardrail, flips into pond ~Warren, OH--	6
	2013	-- Mar 18, mortar explos., Marines, Hawthorne US Army munitions depot, NV--	7
	2013	-- Apr 15, terrorism, Boston Marathon bombs, MIT officer killed Apr 19, MA--	4
6858.	2013	-- Apr 17, explosion, Adair Grain and West Fertilizer Co., West, TX	-- 15
	2013	-- Apr 20, avalanche/snowboarders, west flank Mt. Sniktau ~Loveland Pass, CO--	5
6859.	2013	-- May 20, tornado, Moore, OK	-- 25

<sup>194</sup> Six victims. Seventh death was when gunman shot himself after being shot by a police officer.

<sup>195</sup> The range is explained by one NYC death which is not on NYC official list, and 27 NJ deaths reported in aggregate (not individually identifiable), reported during roughly 2<sup>nd</sup> to 7<sup>th</sup> month afterwards by NJ MEO.

<sup>196</sup> Shooter killed 27 – 20 children, 6 adults at the school, plus his mother at home. Then committed suicide (#28).

6860.	2013	-- May 31, tornadoes, flooding, Oklahoma City region, Central OK <sup>197</sup>	--	20
6861.	2013	-- June 30, Granite Mt. Hotshot firefighters killed, Yarnell Hill Wildfire, AZ	--	19
6862.	2013	-- July 07, Rediske Air-Taxi crash, de Havilland DHC3 Otter, Soldotna, AK	--	10
	2013	-- Sep 11-12, flooding, Front Range area in and near Boulder, CO	--	8
6863.	2013	-- Sep 16, Navy Yard mass shooting, Washington, DC <sup>198</sup>	--	13
	2013	-- Oct 2, church bus tire blowout, crash into SUV and tractor-trailer, I-40 east TN-	8	
6864.	2013	-- Nov 22-25, winter storm Boreas, traffic accidents, esp. CA, NM, OK, TX	--	13
6865.	2014	-- Adenovirus infection, ICD-10 code B34.0, death rate 0.009 per 100,000	--	29
6866.	2014	-- Diarrhoea and Gastroenteritis of Infections Origin (ICD-10 code A09)	--	2,405
6867.	2014	-- Enterovirus infection, ICD-10 code B34.1, death rate 0.010	--	31
6868.	2014	-- Exposure to excessive natural heat, esp. AZ/91, CA/53, TX/38, NV/29	--	360
6869.	2014	-- Hypothermia (exposure to excessive natural cold), esp. PA IL NY OH MT <sup>199</sup>	930	
6870.	2014	-- Influenza (ICD-10 codes J09, J10, J11), especially CA (457), TX (418)	--	4,605
6871.	2014	-- Meningococcal Meningitis, ICD 10 Code A39.0 (no state with $\geq 10$ deaths)	--	10
6872.	2014	-- Streptococcal toxic shock syndrome, ICD-10 code A48.3 (emerging disease)	--	12
6873.	2014	-- Tuberculosis, ICD-10 Code A16-A19, especially CA (101)	--	493
6874.	2014	-- Viral Hepatitis, ICD-10 code B-15-B19, esp. DC, OR (5.3 death rate per 100,000)	--	8,081
6875.	2014	-- Whooping Cough (ICD-10 code A37.0), 10 under 1 year-old	--	14
6876.	2014	-- Jan 01-07, winter storms and polar vortex cold wave	--	44-45
6877.	2014	-- Jan 28-29, winter storm snow/ice, traffic accidents, AL, GA, MS, NC, SC	--	14
	2014	-- Jan 30, fire, home, linked to electric heater, Mom, children, Depoy, KY	--	9
6878.	2014	-- Feb 11-16, winter storm Pax, <sup>200</sup> ice and snow storm, esp. East Coast	--	25-29
6879.	2014	-- Mar 22, mudslide, State Route 530, near Oso, Snohomish Co., WA <sup>201</sup>	--	43-44
6880.	2014	-- Apr 11, FedEx truck hits high school charter bus, I-5 near Orland, CA	--	10
6881.	2014	-- Apr 27-28, tornadoes, AR, OK, IA, AL, MS, TN, especially AR and MS	--	37
	2014	-- May 23, mass murder, Univ. of California-Santa Barbara, Isla Vista, CA <sup>202</sup>	--	7
6882.	2014	-- June-Oct 2015, Legionella pneumophila/Legionaries' Disease, Flint, MI	--	12
	2014	-- Nov 1, rooming house fire (landlord charged with manslaughter), Portland, ME-	6	
6883.	2014	-- Nov 18-21, lake-effect snow, Greater Buffalo area, NY	--	12-13
	2014	-- Dec 08, Sage Aviation AP approach crash into houses, fire, Gaithersburg MD-	6	
6884.	2015	-- adenovirus infection, ICD-10 code B34.0, death rate 0.015 per 100,000	--	48
6885.	2015	-- chickenpox (varicella), ICD-10 code B01, especially children	--	14
6886.	2015	-- diarrhoea and gastroenteritis of infections origin (ICD-10 code A09)	--	2,456
6887.	2015	-- exposure to excessive natural cold (hypothermia), esp. PA NY OH AK NM-	815	
6888.	2015	-- exposure to excessive natural heat, esp. AZ/139; NV/69, TX/64, CA/51	--	567
6889.	2015	-- influenza (ICD-10 codes J09, J10.0, J10.1, J10.8, J11.0, J11.1, J11.8)	--	5,251
6890.	2015	-- meningococcal meningitis, ICD 10 Code A39.0 (no state with $\geq 10$ deaths)	--	15

<sup>197</sup> Two of the deaths were confirmed as drownings amongst group seeking safety in a storm drain. Not in this total are three flooding deaths in Missouri.

<sup>198</sup> Gunman with mental health issues killed twelve Navy Yard workers before being killed by police.

<sup>199</sup> Will be some double-counting from the three Jan, Feb and Nov storms noted below, though these events include other weather related deaths such as traffic accidents and heart-attacks during or shortly after snow removal efforts.

<sup>200</sup> The name "Pax" came from *The Weather Channel*.

<sup>201</sup> Forty-three mudslide victims. A nephew of two victims, who assisted in search, committed suicide April 13-15.

<sup>202</sup> Six students were shot or stabbed to death before the killer shot himself in the head.

6891. 2015 -- streptococcal toxic shock syndrome, ICD-10 code A48.3 (emerging disease)-- 21
6892. 2015 -- tuberculosis, ICD-10 Codes A16-A19, esp. CA/85, TX/61, NY/35, PA/22 -- 470
6893. 2015 -- viral hepatitis, ICD-10 code B15-B19, esp. DC (death rate 6.4 per 100,000) --7,461
6894. 2015 -- Jan 14, TX Corrections Dept. Prison Bus skids off icy I-20, hits Train ~Penwell, TX--10
- 2015 -- Feb 3, Metro-North Railroad train (5 deaths) hits SUV at crossing, Valhalla, NY-6
6895. 2015 -- Mar 10, US Army Blackhawk helicopter crash in Gulf, off Navarre Beach, FL-- 11
- 2015 -- Mar 28-29,<sup>203</sup> carbon monoxide poisoning, family home, Princess Anne, MD-- 8
- 2015 -- May 17, violence/biker-gangs/police shootout, Twin Peaks restaurant, Waco, TX-- 9
6896. 2015 -- May 21-26, storms, heavy rain, flooding and tornadoes, TX and OK --36-37
- 2015 -- June 17, violence -- racial shooting, AME Church, Charleston, SC -- 9
- 2015 -- June 25, charter plane of cruise ship tourists, crash, ~25M ~Ketchikan, AK-- 9
6897. 2015 -- July-mid Aug, Legionella pneumophila/Legionnaires', South Bronx, NYC, NY-16
6898. 2015 -- Sep 14, flash flood; Hildale & Keyhole Canyon, Zion National Park, UT -- 21
6899. 2015 -- Oct 01, mass shooting, Umpqua Community College, Roseburg, OR<sup>204</sup> -- 9-10
6900. 2015 -- Oct 01, US cargo ship *El Faro* sinks/Hurricane Joaquin, off east Bahamas<sup>205</sup>-- 33
6901. 2015 -- Oct 2, USAF C130 takeoff crash, yoke blocked by pilot, Jalalabad AP, Afghanistan 11US of 14
- 2015 -- Nov 10, company jet crash into apt. bldg. on airport approach, Akron, OH -- 9
6902. 2015 -- Dec 02, terrorism, Muslim couple attack, Inland Regional Ctr., San Bernardino, CA- 14
6903. 2015 -- Dec 23, tornadoes, AR (1 death) MS (10 deaths) and TN (6 deaths) -- 17
6904. 2015 -- Dec 26, tornadoes, north TX, Blue Ridge, Copeville, and esp. Garland, TX-- 11
6905. 2015 -- Dec 26-28,<sup>206</sup> flooding (31 drownings), AR (1); IL (9); MO (15); OK (7) -- 32
6906. 2016 -- adenovirus infection, ICD-10 code B34.0, death rate 0.014 per 100,000 -- 46
- 2016 -- chickenpox (varicella), ICD-10 code B01 -- 6
6907. 2016 -- diarrhoea and gastroenteritis of infectious origin (ICD-10 code A09) --2,361
6908. 2016 -- exposure to excessive natural cold/hypothermia, esp. AK CA MI MT OH SD<sup>207</sup>-- 731
6909. 2016 -- exposure to excessive natural heat, esp. AZ (219), NV (89), CA (70), TX/86--786
6910. 2016 -- hantavirus (cardio)-pulmonary Syndrome (HPS), ICD 10 Code B33.4 -- 10
6911. 2016 -- HIV AIDS, US death rate 1.9, DC/12.0, FL/4.2, LA/3.9 GA/3.4 MD/3.2 --6,160
6912. 2016 -- influenza (ICD-10 codes J09, J10.0, J10.1, J10.8, J11.0, J11.1, J11.8) --2,905
6913. 2016 -- streptococcal toxic shock syndrome, ICD-10 code A48.3 (emerging disease)-- 26
6914. 2016 -- tuberculosis, ICD-10 Codes A16-A19, esp. CA/111, TX/55, FL/36, OK/14 -- 528
6915. 2016 -- viral hepatitis, ICD-10 code B15-B19, esp. DC (death rate 4.8 per 100K; US 2.0) --6,421
6916. 2016 -- whooping cough (ICD-10 code A37.0) -- 11
6917. 2016 -- Jan 14, two Marine helicopters collide mid-air off Haleiwa, Oahu, HI --all 12
6918. 2016 -- Jan 20-23, ice/snow storm Jonas, East Coast; esp. NY/10 PA/10 VA/12 --60-61
- 2016 -- Feb 20, violence, Uber driver random mass shootings, Kalamazoo, MI -- 6
6919. 2016 -- May 26-June 2, flash flooding/flooding, esp. Fort Hood (June 2), TX -- 16
6920. 2016 -- June 12, shooting/terrorism/hate-crime, gay nightclub, Orlando, FL -- <sup>208</sup>50
6921. 2016 -- June 23-24, flash flooding, esp. Greenbrier (15) and Kanawha (6) counties, WV--23

<sup>203</sup> Our dating based on report that family members were last seen alive on Saturday March 28, and children did not appear at school on Monday, March 30.

<sup>204</sup> The shooter, 26-year-old Chris Harper Mercer, killed nine people, wounded seven, and died in police shootout.

<sup>205</sup> Twenty-eight U.S. nationals and five Polish nationals.

<sup>206</sup> Dates relate to time-frame flood-related (and other) deaths occurred, not to the time-frame of the flood event.

<sup>207</sup> There is probable double counting in that there were possible hypothermia deaths in Jan and Dec storms listed.

<sup>208</sup> Shooter shot and killed 49 people before being shot and killed by police – bringing total number of deaths to 50,



6922. 2016 -- July 30, hot air balloon hits power lines/burns/crashes, near Lockhart TX -- 16
6923. 2016 -- Aug 12-16, flooding, especially East Baton Rouge Parish, Louisiana -- 13
6924. 2016 -- Oct 7-9, Hurricane Matthew & aftermath, FL/13, GA/3, SC/5, NC/30, VA/2-- 53
6925. 2016 -- Oct 23, tour bus runs into semi, I-10, Indian Canyon near Palm Springs, CA-- 13
- 2016 -- Nov 21, Woodmore elementary school bus crash, Brainerd ~Chattanooga, TN-- 5
6926. 2016 -- Nov 28, Chimney Tops 2 arson wildfire hits Gatlinburg, Sevier County, TN-- 14
6927. 2016 -- Dec 02, fire, rave party in artist warehouse, Fruitvale district, Oakland, CA-- 36
6928. 2016 -- Dec 15-17, Winter Weather Decima, ice, road accidents, Midwest/NE --15-18
6929. 2017 -- chickenpox (varicella), ICD-10 code B01 (CDC Wonder site) -- 16
6930. 2017 -- exposure to excessive natural cold/hypothermia, esp. AK WA MN CA MI-- 804
6931. 2017 -- exposure to excessive natural heat, esp. AZ/264, NV/235, CA/93, TX/40 -- ≥817
6932. 2017 -- HIV, US death rate 1.75 per 100K, esp. DC/9.8, MS/3.8, FL/3.6, LA/3.5 --5,698
6933. 2017 -- influenza; death rate 2.0 per 100K pop.; esp. ME/5.2 MT/5.1 OR/4.9 WA/4.2--6,515
6934. 2017 -- tuberculosis, IDC-10 code A16-19, esp. CA/108 TX/49 NY/31 PA/22 NJ/21-- 515
- 2017 -- whooping cough (pertussis), ICD-10 code A37.0-A37.9; CDC Wonder site-- 9
6935. 2017 -- Jan 21 (MS/4) and Jan 22 (GA/16-17) tornadoes and high wind (FL/1)<sup>209</sup> --21-22
6936. 2017 -- Mar 29, pickup truck hits church bus head-on, Hwy 83 near Concan, TX -- 13
- 2017 -- June 19, dust-storm, vehicular pileup, westbound I-10, near Lordsburg, NM-- 6
6937. 2017 -- July 10, USMC KC-130 (NY Reserve) crash, with Sp. Ops team, Leflore Co., MS-- 16
6938. 2017 -- July 16, flash flood, Verde River, Tonto National Forest, north Phoenix, AZ-- 10
6939. 2017 -- July 23, migrants die in hot semi-trailer found in parking lot, San Antonio, TX-- 10
6940. 2017 -- Aug 21, *USS John S. McCain* collision/merchant ship *Alnic MC* ~Singapore-- 10
6941. 2017 -- Aug 25-30, Hurricane/Tropical Storm Harvey, Southeast TX, esp. Houston-- ≥89
6942. 2017 -- Sep 06, Hurricane Irma, PR, US Virgin Isl.; Sep 10-11, GA SC NC, esp. FL-- 107
6943. 2017 -- Sep 20, Hurricane Maria, Puerto Rico (2,975), US Virgin Isl. (2), NJ (3) --2,980
6944. 2017 -- Oct 1, shooting, hotel 32<sup>nd</sup> floor, country music show, Las Vegas, NV<sup>210</sup> --58-59
6945. 2017 -- Oct 8-14, wildfires, northern CA, esp. Sonoma/Napa/Mendocino/Yuma Co's.-- 42
- 2017 -- Oct 31, Islamic terrorist drives down bikers/pedestrians, Manhattan NYC, NY-- 8
6946. 2017 -- Nov 5, mass shooting, First Baptist Church, Sutherland Springs, TX -- 26
6947. 2017 -- Dec 28, fire, boy, 3, playing with stove, apartment bldg., Belmont/Bronx, NY--13
6948. 2017 -- Dec 31, plane crash, 2 C.R. pilots, 10 U.S. citizens, NW Costa Rica --10US of 12
6949. 2017 -- Dec 26-Jan 6, bitter cold (exposure), ice/snow (vehicular), much of US<sup>211</sup> --39-40
6950. 2017-2018 -- Winter (March 2018 end) Influenza (primarily H3N2) ~80,000
6951. 2018 -- adenovirus infection, ICD-10 code B34.0, death rate 0.01 per 100,000 pop.-- 49
- 2018 -- Oct esp., Adenovirus 7, children, Wanaque Nursing & Rehabilitation Center, Haskell, NJ- 11
6952. 2018 -- chickenpox (Varicella), ICD-10 code B01 (CDC Wonder site) -- 20
6953. 2018 -- exposure to excessive natural cold/hypothermia, esp. MN/36 CO/34 IN/35--1,028
6954. 2018 -- excessive natural heat, esp. AZ/252, Clark Co., NV/163, CA/106, TX/89 --1,012
6955. 2018 -- HIV; US death rate 1.66 per 100K, esp. DC/9.25, MS/4.15, LA/3.4 FL/3.3--5,425
6956. 2018 -- influenza, ICD-10 codes J09-11.8, death rate 3.4 per 100K pop., esp. WV/6.6--11,164

<sup>209</sup> The range reflects Albany, Dougherty Co., GA boy, 2, still reported as missing one month after tornado.

<sup>210</sup> Fifty-nine fatalities including shooter who committed suicide after killing fifty-eight people; wounded hundreds.

<sup>211</sup> Some of these deaths, hypothermia deaths Dec 26-31, would be included in 2017 Hypothermia deaths above.

6957. 2018 -- tuberculosis, ICD-10 codes A16-A19, esp. CA/100, TX/50, NY/39, FL/38-- 542  
2018 -- whooping cough (pertussis), ICD-10 code A37.0-A37.9; CDC Wonder site-- 9
6958. 2018 -- Jan 09, heavy rain; mudslides/debris flows (after forest fires), Montecito, CA-- 23
6959. 2018 -- Jan 17, winter storm, snow, deep cold, deaths in GA LA NC TN TX VA WV-- 15
6960. 2018 -- Feb 14, Marjory Stoneman Douglas High School shooting, Parkland, FL -- 17  
2018 -- May 2, Puerto Rico Air National Guard C-130 plane crash near Savannah GA-- 9
6961. 2018 -- May 18, Santa Fe High School shooting, Santa Fe (near Houston) TX -- 10
6962. 2018 -- July 13-Sep 19, wildfires, Carr/8, Ferguson/2, Mendocino Complex/1, CA-- 11
6963. 2018 -- July 19, Duck Boat sinks in storm, Table Rock Lake, near Branson, MO -- 17  
2018 -- Aug 30, semitrailer hits Greyhound bus after blowout, I-40, near Thoreau, NM--9
6964. 2018 -- Sep 14, Hurricane Florence (Wrightsville Beach landfall); NC/SC/VA aftermath<sup>212</sup>--55-57
6965. 2018 -- Oct esp., adenovirus 7, children, Wanaque Nursing & Rehabilitation Center, Haskell, NJ--11
6966. 2018 -- Oct 6, birthday party limo hits vehicle/bystanders, Apple Barrel, Schoharie, NY--20
6967. 2018 -- Oct 10, Hurricane Michael ~Mexico Beach, FL, deaths also in GA/NC/VA --57-59
6968. 2018 -- Oct 27, mass shooting, Tree of Life Synagogue, Pittsburgh, PA -- 11
6969. 2018 -- Nov 7, mass shooting (12) suicide/1, Borderline Bar & Grill, Thousand Oaks, CA-13
6970. 2018 -- Nov 8-11, esp. 8<sup>th</sup>-9<sup>th</sup>, wildfires, esp. Camp Fire (85), Butte Co., Paradise, CA--88
6971. 2019 -- adenovirus infection, ICD-10 code B34.0, death rate 0.02 per 100K pop. -- 78
6972. 2019 -- chickenpox (varicella); ICD-10 code B01 (CDC Wonder site.no State data)-- 18
6973. 2019 -- exposure to excessive natural cold (hypothermia), esp. MI/70 NY/65 PA/61<sup>213</sup>--1,115
6974. 2019 -- heat; exposure to excessive natural heat, esp. AZ/283, TX/101, NV/88 --911-915
6975. 2019 -- HIV, US death rate 1.54 per 100K pop.; DC/10.0, FL/3.2, MD, 3.0, GA/2.7-5,044
6976. 2019 -- influenza, esp. CA/560 TX/396 NY/336 lives lost; VT/4.3 OR/3.7 NE/3.3 death rate-5,902
6977. 2019 -- tuberculosis, ICD-10 codes A16-A19, esp. CA/112, TX/54, NY/37, FL/35-- 526
6978. 2019 -- whooping cough, ICD-10 code A36 (CDC Wonder site); 6 under 5, 4 75-89-- 10  
2019 -- Jan 03, multi-vehicle collision (4); diesel fuel fire, I-75 near Gainesville, FL-- 7  
2019 -- Jan 06, drunk driver going wrong way, I-75, hits MI family car, Lexington, KY--6
6979. 2019 -- Jan 10-13, Winter Storm Gia/hwy. deaths, IL/2, IN/1, KS/3, MO/3, VA/3, WV/1-- 13
6980. 2019 -- Jan 28-Feb 2, Polar cold/snow/ice, esp. upper Mid-West, esp. IL/8, IA/NY/5 --30-31  
2019 -- Feb 15, workplace shooting; five killed by shooter, shooter killed, Aurora, IL-- 6
6981. 2019 -- Mar 03, tornadoes, esp. EF-4 Lee County (including Beauregard), AL -- 23
6982. 2019 -- May 31, workplace shooting, Municipal Cen. Bldg. No. 2, Virginia Beach, VA-- 12
6983. 2019 -- June 21, skydiving charter plane crash, Dillingham Airfield, Oahu, HI -- 11  
2019 -- June 21, pickup truck crashes into ten motorcycles, U.S. 2, Randolph, NH -- 7
6984. 2019 -- June 30, plane crash into AP hangar on takeoff, near no. Dallas, Addison, TX--10
6985. 2019 -- Aug 3, white supremacist lone gunman mass shooting, Walmart, El Paso, TX--22
6986. 2019 -- Aug 04, mass shooting outside bar (9), police kill shooter, Dayton, OH -- 10  
2019 -- Aug 31, shooting rampage (7 killed by shooter), Midland-Odessa area, TX-- 8
6987. 2019 -- Sep 02, diving boat *Conception* fire, near north side of Santa Cruz Island, CA--34  
2019 -- Oct 02, Collings Fdn. B17 Flying Fortress landing crash, Windsor Locks AP, CT-- 7  
2019 -- Nov 30, Pilatus PC-12 plane crash during initial climb, Chamberlain Airport, SD--9
6988. 2019 -- Dec 15-16, winter storm and vehicular crashes icy roads, IN, KS, MO, NE-- 12

<sup>212</sup> The range has to do with whether there were two, three or four hurricane-related deaths in Gadsden County, FL.

<sup>213</sup> There is some double-listing, given exposure deaths in Jan 10-13 storm and Jan 28-Feb 2 cold wave.

6989. 2020 -- chickenpox (varicella), ICD-10 code B01 (CDC Wonder site, no state data)-- 21
6990. 2020 -- Feb 29-Dec 31, Coronavirus 19, U.S. deaths per 1M population, 1,070 --354,215  
 Top ten States with the highest death toll per one million population:<sup>214</sup>
- |                 |       |                                |        |        |
|-----------------|-------|--------------------------------|--------|--------|
| --New Jersey    | 2,161 | deaths per million population. | 19,191 | deaths |
| --New York      | 1,954 | “ “ “                          | 38,007 | “      |
| --Massachusetts | 1,802 | “ “ “                          | 12,423 | “      |
| --North Dakota  | 1,695 | “ “ “                          | 1,292  | “      |
| --South Dakota  | 1,682 | “ “ “                          | 1,488  | “      |
| --Connecticut   | 1,681 | “ “ “                          | 5,995  | “      |
| --Rhode Island  | 1,677 | “ “ “                          | 1,777  | “      |
| --Louisiana     | 1,611 | “ “ “                          | 7,488  | “      |
| --Mississippi   | 1,608 | “ “ “                          | 4,787  | “      |
| --Illinois      | 1,419 | “ “ “                          | 17,978 | “      |
6991. 2020 -- exposure to excessive natural cold; ICD-10 code X31, esp. AK, NM, CO, MN--919
6992. 2020 -- excessive heat, natural sources; esp. AZ/522, CA/137, Clark Co., NV/124 --1,184
6993. 2020 -- HIV, US death rate 1.55, esp. DC/9.4, FL/3.1, MS/3.34, GA/3.1, MD/2.96--5,155
6994. 2020 -- influenza (distinct from 47,601 pneumonia deaths); death rate 1.8 per 100K --5,943
6995. 2020 -- tuberculosis, ICD-10 codes A16-A19, esp. CA/119, TX/66, NY/36, FL/30-- 600
6996. 2020 -- Mar 02 (late)-3<sup>rd</sup> (early), tornadoes, Central TN, esp. Putnam County/19 -- 24
6997. 2020 -- Apr 13, storms/tornadoes, esp. LA, AR (1), MS (12), GA/8, SC/9, NC/1, TN/3-34
6998. 2020 -- Aug 27, Hurricane Laura, southeast TX/4; especially southwest Louisiana/27-- 31
6999. 2020 -- Aug 11-Sep (deaths) west-coast wildfires, CA/33-34, OR/10-11, WA/1 --44-46
- 2020 -- Sep 06, mass shooting/Laotians, marijuana growing house, Aguanga, CA -- 7
7000. 2021 -- COVID-19 (coronavirus), ~2,559 US deaths per 1M population --437,984  
 Top ten States with the highest death toll per one million population:<sup>215</sup>
- |               |       |                               |        |        |
|---------------|-------|-------------------------------|--------|--------|
| Mississippi   | 3,551 | deaths per million population | 5,663  | deaths |
| Alabama       | 3,356 | “ “ “                         | 12,049 | “      |
| Arizona       | 3,329 | “ “ “                         | 15,365 | “      |
| New Jersey    | 3,269 | “ “ “                         | 9,846  | “      |
| Louisiana     | 3,224 | “ “ “                         | 7,498  | “      |
| New York      | 3,085 | “ “ “                         | 22,004 | “      |
| Tennessee     | 3,057 | “ “ “                         | 13,973 | “      |
| Arkansas      | 3,031 | “ “ “                         | 5,427  | “      |
| West Virginia | 2,977 | “ “ “                         | 3,998  | “      |
| Georgia       | 2,961 | “ “ “                         | 20,489 | “      |
7001. 2021 -- chickenpox (varicella), ICD-10 code B01.0 (CDC WONDER, no state data)-- 14
7002. 2021 -- exposure to excessive natural cold/ICD-10 code X31, esp. AK/NM/IA/CO--1,179
7003. 2021 -- excessive natural heat, esp. AZ/854, WA/170, NV/166, CA/140, OR/133 --1,923
7004. 2021 -- influenza (distinct from 41,309 pneumonia deaths); death rate 0.18, esp. TN/0.60--608
7005. 2021 -- tuberculosis, ICD-10 codes A16-A19, esp. CA/106, TX/58, FL/36 NY/36 VA/22--602
7006. 2021 -- Feb 10-11, winter snow/ice, road accidents/deaths, esp. Dallas-Ft. Worth TX->10
7007. 2021 -- Feb 13-19, winter storms and cold wave, much of U.S, especially TX/123 -->175
7008. 2021 -- Mar 02, illegal's SUV and semi-truck collide, State Hwy 115 ~Holtville, CA-- 13

<sup>214</sup> For death tolls and deaths per million population in all States go to State Document. More info. via Spreadsheet.

<sup>215</sup> For death tolls and deaths per million population in all States go to State Document. More info. via Spreadsheet.

- 2021 -- Mar 16, mass shootings, two Atlanta, one Cherokee County Spas, GA -- 8
7009. 2021 -- Mar 22, Ahmad Alissa mass shooting, King Soopers grocery, Boulder CO -- 10
7010. 2021 -- Apr 13, liftboat (platform) *Seacor Power* capsizes off Port Fourchon, LA -- 13
- 2021 -- Apr 15, mass shooting/8 and suicide, FedEx facility ~Indianapolis AP, IN -- 9
7011. 2021 -- May 16, mass shooting/9 and suicide, San Jose Light Rail Yard, San Jose, CA--10
7012. 2021 -- June 19, Tropical Storm Claudette (highway/10, tree fall/2), AL -- 12
- 2021 -- Jun 19, 18-vehicle crash, 8 girls/Tallapoosa Girls Ranch van, 2/SUV, I-65, Butler Co., AL<sup>216</sup>--10
7013. 2021 -- June 24, Champlain Towers South condo collapse, Surfside, FL -- 97
- 2021 -- July 25, dust storm and I-15 vehicular pileup near Kanosh, UT -- 8
7014. 2021 -- Aug 21, 15-17 inch rain/24-hrs., flooding, Humphreys County/Waverly, TN-- 20
7015. 2021 -- Aug 26, ISIS-K suicide bomb kills US military members, Kabul Afghanistan AP-13
7016. 2021 -- Aug 29-Sep 1, Hurricane Ida & remnants, mid-Gulf Coast and Northeast -- 91
7017. 2021 -- Nov 5, crushing/trampling, Travis Scott Astroworld festival concert, Houston TX-10
7018. 2021 -- Dec 10, tornadoes and severe weather, AR/2, IL/6, KY/76, MO/2, TN/5 -- ≥91
7019. 2022 -- COVID-19/US death rate 6.5; esp. MO/9.9., FL/9.8, OH/9.8, IN/9.6, PA/9.5 --217,370
7020. 2022 -- excessive natural heat, esp. AZ/1,030 esp. Maricopa County/425, TX/203 --2,159
7021. 2022 -- Jan 05, rowhouse/apt. fire (8 children/4 adults), Fairmont sec., Philadelphia, PA--12
7022. 2022 -- Jan 09, space-heater related fire (9 adults/8 children), apart. bldg., Bronx, NY-- 17
7023. 2022 -- May 14, hate crime shooting, Top Supermarket, Buffalo, NY -- 10
7024. 2022 -- May 24, Robb Elementary School shooting (19 students 2 teachers killed) Uvalde TX-21
7025. 2022 -- June 27, tractor trailer found with dead/dying migrants inside, San Antonio TX--53
- 2022 -- July 04, sniper shoots parade spectators from building roof, Highland Park, IL-- 7
- 2022 -- July 15, dust storm, 21-vehicle pileup, I-90 near Hardin, Big Horn County, MT--6
7026. 2022 -- July 27-28 downpour, flash flooding, eastern KY, esp. Knott/19, Breathitt/8, Perry/7 Cntys--39
7027. 2022 -- Sep 04, floatplane crash in Puget Sound off Whidbey Island, WA --all 10
7028. 2022 -- Sep 28-29, Hurricane Ian, FL/139-140, esp. Lee Co./62, NC/5, VA/1 --145-146
7029. 2022 -- Dec 19-26, snowstorms/cold, deaths in 20 States & Canada, esp. NW NY (42)--102
7030. 2022 -- Dec 27-Jan 14, heavy rains/flooding/rockfalls/tree falls/vehicular accidents, CA--23
7031. 2023 -- excessive natural heat, esp. AZ (867), TX (440), NV (208), LA/82, FL/81 --2,155
7032. 2023 -- Jan 01-14, winter weather, storms, heavy rain, levees breach, trees down, CA-- 19
7033. 2023 -- Jan 21, Lunar New Year mass shooting, Dance Studio, Monterey Park, CA-- 11
- 2023 -- Jan 23, mass shootings, mushroom farm & trucking facility, Half Moon Bay, CA--7
7034. 2023 -- Mar 02-3, late winter storms, AL (3), AR (1), CA (1), KY (5), MS (1), TN (2)--14
7035. 2023 -- Mar 24, tornado/severe storms MS/25 & AL/1, especially Rolling Fork, MS-- 26
- 2023 -- Mar 27, shooting, The Covenant Church elementary school, Nashville, TN-- 6
- 2023 -- Mar 30, USA Blackhawk helicopters collide, night training, Cadiz, Trigg Co., KY--9
7036. 2023 -- Mar 31, tornadoes, deaths in 7 states; AL/1, AR/5, IL/4, IN/5, MS, TN/15, DE--32
- 2023 -- Apr 10, workplace mass shooting, Old National Bank, Louisville, KY -- 5
- 2023 -- May 1, vehicular pileup in farm dust, high wind, I-55 north of Farmersville, IL--6
- 2023 -- May 6, mass shooting, Allen Premium Outlets Mall, Allen, TX (includes gunman)-- 9
- 2023 -- May 7, SUV driven into 18 migrant pedestrians at bus-stop, Brownsville, TX-- 8
7037. 2023 -- Aug 08, wildfires spurred on by hurricane Dora winds, Maui, esp. Lahaina, HI-- 100

<sup>216</sup> In that this happened in remnants of Tropical Storm Claudette, *The Weather Channel* includes these deaths in the twelve it attributes to this storm. (A tree fall in Tuscaloosa killed a father, aged 24 and child, aged 3.)

7038. 2023 -- Oct 24, pileup of 168 vehicles in fog/smoke, I-55 outside New Orleans, LA -- 8  
 2023 -- Oct 26, mass shooting, bowling alley (8) and bar & grill (10), Lewiston, ME-- 18  
 2023 -- Nov 14, five-vehicle chain-reaction-crash when semi hits SUV, I-70, Etna Twp, OH-- 6  
 7039. 2023 -- COVID (354K deaths/2020; 438K/2021; 217K/2022; 1.19M 2020-2023) --71,691  
 7040. 2024 -- Jan 12-21, winter storms/cold, esp. TN/36, OR/16, MS/12, IL/7 --91-101  
 7041.

XXX