

LANDMARKS OF WORLD HISTORY

A Chronology of Remarkable Natural Phenomena

The Middle Ages, 1001-1500

G=Geological phenomenon M=Meteorological A=Astronomical

	YEAR A.D.	MONTH	DAY	LOCATION	PHENOMENON	DESCRIPTION	REMARKS
G	1001			Switzerland	Earthquake	With 'igneous meteors'	
A	1002	September	14	Morocco	Meteor	Bright as Moon	
G	1004			Campania, Italy	Earthquake	Many buildings fell	Year may be 1005
A	1006	May	6	China, Arabia	Supernova	'Like half Moon', in Centaurus; vis. 2 years	'Sky was shining' by its light
G	1007			'Deinar in Irak'	Earthquake	10,000 buried	Snow in Baghdad
A	1009			India	Meteorite	'Iron-fall' at Djorjam	Weight 2,000 lbs.
M	1009	April	29	Germany	Obscuration	'Coloured cloud' hid Sun	For 2 days
M	1011			Europe, Egypt	Cold	Severe winter	Ice on the Nile
A	1011			Lorraine	Meteor	Burning torch like tower	Great noise
A	1013	March	16	Morocco	Meteor	Brighter than Moon	With tail
A	1013	May	15	Quedlinburg, Germany	Storm	Tempest destroyed buildings	Possible tornado
M	1014	September	28	England	Sea flood	'Countless numbers' dr.	
A	1018	August	4	China	Comet	Tail 30 cubits long	
A?	1020	July/August		North Africa	Meteorites?	Many stones, several k.	Hailstones?
M	1021			Ireland	Fall	Shower of wheat	At Osraighe
G	1021	May	21	South Germany	Earthquake	Swiss well-water turned blood-colour. Floods	Igneous meteors. Year 1020?
A	1029	August		Cairo, Egypt	Meteors	'Many stars passed'	Great noise
G	1034			Palestine	Earthquake	Walls of Jerusalem fell	Villages engulfed
A?	1020	July/August		North Africa	Meteorites?	Many stones fell, some k.	Hailstones?
M	1035	June	21	England	Summer cold	Frost, Midsummer Day	Crops killed
G	1037	December	18	Buccellariis	Earthquake	5 villages engulfed	
G	1038	January	9	Shensi, China	Earthquake	Over 20,000 k	
G	1043 (c)			Palestine	Earthquake	Tebris, Tadhmor & Baalbeck wrecked	40,000 k.
M	1046	February		England	Cold	Severe winter	Snow & tempests
M	1048	January		England	Snow	Lay until March 17	
G	1048			England	Earthquake	Throughout England	
G	1049	May	1	England	Earthquake	Worcester, Derby, etc.	
M	1053	December	21	England	Gale	Churches & houses fell	
M	1054	April	24	Rossdalla, Ireland	Tornado	'Tower of fire' surrounded by 'birds'	1 st definite tornado, Europe
A	1054	July	5	China	Supernova	Crab Nebula supernova	Max. brightness
G	1057			Chihli, China	Earthquake	25,000 k.	
A	1058			Italy	Lunar event?	Bright light in new Moon	Year may be 1086
G	1058			Mesopotamia	Earthquake	Great damage	Many k.
M	1063	April		Europe	Blizzard	Wind & snow for 4 days	Cattle & birds k.
A	1064			China	Meteorite?	Fireball burned fences	Ch'ang-chou
G	1064	September	23	Asia Minor	Earthquake	Thrace, Nicaea, etc.	
A	1066	March	23	China, Europe	Halley's Comet	Perihelion	15 cubits long
G	1067	August	11	England	Earthquake	Terrified whole country	
M	1067	December	6	Northumbria, England	Tornado?	Revolving 'sign' illuminated earth	Woods & plains burned
G	1068	March	18	Palestine	Earthquake	Ramla & Haila wrecked	25,000 k.
M	1076	November		Europe	Cold	Severe winter Nov. to April. Rhine frozen	4½ months' frost in France
G	1081	December	25	England	Earthquake	All over England	Terrible noise
G	1082	December	6	Constantinople	Earthquake	Many buildings fell	Year may be 1083
G	1083	October	18	Central France?	Earthquake	Church was burned	'Volcanic fire'?
G	1086			Sicily	Earthquake	Many k in Syracuse	
G	1089	August	11	England	Earthquake	Throughout country	
M	1090	November		London	Flood	London Bridge destroyed	Banks flooded
G	1091	September	17	Antioch	Earthquake	70 towers fell from walls	
M	1091	September	29	Europe?	Obscuration	Sun-darkening for 3 hours	Sun had 'peculiar colour' after
M	1091	October	21	London	Tornado	600 houses wrecked	2 k.
G	1092	June	26	Hungary	Earthquakes	3 shocks in one day	

M	1092			England	Severe winter	<i>Great rivers frozen</i>	
M	1092			Britain	Sea floods	<i>Many towns flooded</i>	<i>Scotland,England</i>
M?	1093	April	10	Paris	Fall	<i>'Glowing substance' found after shooting stars</i>	
M	1095			Ireland	Heat	<i>'Year of the heat'</i>	<i>Many k.</i>
M	1095	January	3	Ireland	Snow	<i>Great snow</i>	<i>Multitudes k.</i>
A	1095	April	4	England	Meteor shower	<i>Many 'stars' fell all night</i>	
A	1096	August	6	Europe?	Lunar event?	<i>Bright light on Moon</i>	<i>In lunar eclipse</i>
M	1097	September	29	England	Aurora?	<i>Sign like 'burning cross'</i>	<i>Poss. comet</i>
A	1097	October	4	England, China	Comet	<i>Stream of light in S.W.</i>	<i>Seen 15 days</i>
M	1097	November	21	Edessa	Aurora	<i>Clear sky coloured red</i>	<i>Seen for month</i>
M	1098	September	27	Antioch, England	Aurora	<i>Blaze of light girdled Pole</i>	<i>'Unusual light' at night, Durham</i>
M	1099	November	11	England	Sea flood	<i>Great damage</i>	<i>Also Flanders</i>
M	1104	June	7	England	Halo complex	<i>4 white circles round Sun</i>	<i>At noon</i>
G	1104			Iceland	Volcano	<i>1st known eruption of Hekla. 16 farms lost</i>	<i>Ash fell in Scandinavia</i>
G	1105			Malamocco Is.	Earthquake	<i>Island engulfed by sea</i>	<i>Off Italy</i>
A	1106	February	12	Europe	Sun-darkening	<i>Accompanied by meteors</i>	<i>Comet near Sun</i>
A	1106	February	14	Europe	Comet	<i>Shining ray at sunset</i>	<i>Seen 40 days</i>
M	1107	March	23	Ireland	Snow	<i>Fell a day & night</i>	<i>Many cattle k.</i>
M	1108			Syria	Aurora?	<i>Light like Sun at night</i>	<i>For 3 hours</i>
M	1108	April	4	Syria	Obscuration	<i>Day 'darkness like dust'</i>	<i>Lasted 12 days</i>
G	1109			Antioch	Earthquake	<i>Houses swallowed up</i>	
A	1110			Armenia	Meteor?	<i>'Burning object' fell in Lake Van</i>	<i>Waters turned blood red</i>
A	1110	June	8	England	Comet	<i>Visible 3 weeks</i>	
M	1111	June	7	Liege, Belgium	Cloudburst	<i>Flood washed away houses & people</i>	<i>Lightning struck church next day</i>
G	1112	January	3	Germany	Earthquake	<i>Rothenburg on the Necker overthrown</i>	<i>Liège flooded by Meuse</i>
A	1112	June	20	Italy	Meteor?	<i>'Very bright star' seen</i>	
M	1113	March	17	Ireland	Ball lightning?	<i>30 k. by 'ball of fire'</i>	
A	1114	May		England	Comet	<i>'Star' with long rays</i>	<i>Many nights</i>
M	1114	October	10	England	Dessication	<i>Thames and Medway dry</i>	<i>Due to low tide</i>
G	1115	December	25 (c.)	Middle East	Earthquake	<i>Jerusalem,Antioch, etc.</i>	<i>Great damage</i>
M	1116	December	21 (c)	Germany	Paraselene?	<i>2nd moon rose in the W.</i>	<i>As full Moon rose</i>
G	1117			Swabia	Subsidence	<i>Earth boiled up</i>	<i>Then collapsed</i>
M	1117	December	16	Chartres, France	Aurora	<i>N. sky like fire at night</i>	<i>With white beam</i>
G	1118			Ireland	Earthquake	<i>Many cities destroyed</i>	<i>Much loss of life</i>
M	1118	December	20	Europe	Aurora	<i>'Fiery ranks' in night sky</i>	<i>Moved N. to E.</i>
G	1120	September	28	England	Earthquake	<i>Houses wrecked</i>	<i>People buried</i>
M	1121	May		Syria	Aurora	<i>'A full arc' appeared</i>	<i>At night</i>
M	1122	December	7	England	Aurora?	<i>Fire in N.E. sky at dawn</i>	<i>Until daylight</i>
M	1125	August	10	England	Flood	<i>Many towns deluged</i>	<i>Men drowned</i>
G	1127			Tyre	Earthquake	<i>Earth opened, many k.</i>	<i>Year may be 1128</i>
A	1128	December	8	England	Sunspots	<i>2 very large spots</i>	<i>1st known illus.</i>
M	1129	January		Syria	Aurora	<i>Fire in N.</i>	<i>& Mar., Apr.</i>
M	1129			Ireland	Heat	<i>Torrid summer</i>	<i>Streams dried up</i>
A?	1130	October	8	Bohemia	Meteor?	<i>Flying 'serpent' at sunset</i>	<i>Seen many places</i>
M	1130	November		Syria	Aurora	<i>Fiery 'mountain' in N.</i>	<i>Later like pillars</i>
A	1131			China	Sunspot	<i>'Plum' sized spot</i>	<i>Visible 4 days</i>
M	1131	January	11	England	Aurora	<i>'Fire' in N. sky at night</i>	
A	1133	August	2	Europe	Solar eclipse	<i>Seen England, Salzburg, Cambrai, Prague, etc.</i>	<i>Corona seen, Salzburg?</i>
G	1133	August	4	England	Earthquake	<i>Buildings overthrown</i>	<i>Fire from earth</i>
M	1134	October	1	England, Holland	Sea flood?	<i>Sea rose & flooded coast, then retired</i>	
G	1134			Armenia	Earthquake	<i>Dogodoph ruined</i>	
A	1135			Germany	Meteorite	<i>Head-sized black stone</i>	<i>At Oldisleben</i>
M	1135	March	7	Prague	Halo complex	<i>4 circles round Sun</i>	<i>Many false suns</i>
A	1135	July	21	Syria	Bolide	<i>'Torch' from W. to E.</i>	<i>Then explosion</i>
M	1136			Germany	Aurora?	<i>Shining cross in sky</i>	<i>Brilliant</i>
M	1137			Britain	Parhelia	<i>Three red suns</i>	
M	1137	May	15	Ireland	Gale	<i>Forests & churches fell</i>	
A	1138?	March	8	Asia Minor	Meteorites?	<i>'Fiery coals' fell</i>	<i>At Mosul</i>
M	1138	October	7	England	Aurora	<i>Red sky in N.</i>	<i>& coloured rays</i>
G	1139 (c)			Middle East	Earthquake	<i>130,000 k. Strongest at Aleppo</i>	<i>80 shocks in one night</i>

A	1139			Bavaria	Sunspot?	<i>'Fissure' on Sun</i>	
M	1139	July	19	Prague	Obscuration	<i>Darkness lasted a week</i>	
G	1140			Kalunikus	Subsidence	<i>Earth opened & 40 horsemen swallowed up</i>	<i>Cries heard long after</i>
M	1140	June	22	Syria	Aurora	<i>Red lances in N.</i>	<i>Moved W.</i>
M	1140	May	12	Wellsbourne, England	Tornado	<i>Whirlwind wrecked 40 houses</i>	<i>Woman k. by hailstone</i>
M	1141	August		Syria	Aurora	<i>Rays of fire in N.</i>	<i>Bright on 2 Sept.</i>
M	1141	December	23	Korea	Aurora	<i>Red vapour in N. at night</i>	<i>White rays</i>
A	1145	April	22	England, China	Halley's Comet	<i>Perihelion</i>	<i>Seen 50 days</i>
M	1146	December	3	Ireland	Gale	<i>Many woods destroyed</i>	
M	1147			Denmark	Aurora	<i>Red flames in N.</i>	<i>1147-50</i>
M	1149	December		England	Severe winter	<i>Thames frozen</i>	
G	1149-1150			Baghdad	Earthquake	<i>City shaken 10 times; mountain fell</i>	
M	1152	March	22	North Holland	Lunar halo	<i>Circle round Moon</i>	<i>Cross in circle</i>
M	1153	January	26	Bologna, Italy	Parhelia	<i>3 moons & cross</i>	<i>Then 3 suns</i>
A	1153	December	29	Cambrai	Meteor?	<i>'Great splendour', night</i>	<i>Then thunder</i>
G	1154	February	15	Burgundy	Earthquake	<i>Castle swallowed up</i>	<i>Deep pool left</i>
G	1155			Antioch	Earthquake	<i>Also Damascus, Tripoli</i>	<i>2,000 k.</i>
M	1156	May	30?	Britain	Solar halo	<i>Broad blue circle</i>	<i>At noon</i>
M	1156	August	11	England, France	Floods	<i>Many buildings fell</i>	<i>Rain floods</i>
M	1156	October		London	Lunar halo	<i>Cross appeared in Moon</i>	<i>Several nights</i>
G	1156	November	18	Syria	Earthquake	<i>40 shocks at Aleppo</i>	<i>'Tremendous'</i>
M	1158			London	Dessication	<i>Thames dried up</i>	<i>Also earthquake</i>
G	1158			Syria	Earthquake	<i>Many cities ruined</i>	<i>15,000 k.</i>
M	1158	August	28	Ireland	Aurora	<i>'Great mount of fier'</i>	<i>Sparkled</i>
M	1158			Ireland	Floods	<i>Autumn rains & floods</i>	<i>23 k., Subha</i>
A	1164	May	31	Germany	Meteorite	<i>Large mass of iron</i>	<i>Fell at Meissen</i>
M	1164	September	20	England	Solar haloes	<i>3 circles round Sun</i>	<i>Then 2 suns</i>
A	1165	August		England	Two comets	<i>Before sunrise</i>	<i>In S. & N.</i>
M	1165	August		Scarborough, England	Tornado?	<i>Thunderstorm with 'black horse'</i>	<i>'Horse' left huge prints</i>
G	1169	February	4 or 5	Catania, Sicily	Earthquake	<i>15,000 k.</i>	<i>Etna erupted</i>
M	1170			Ireland	Aurora?	<i>'Bow of burning fire'</i>	
M	1170	March		England	Sea flood	<i>Crops destroyed</i>	
M	1170	March	2	English Channel	Storm	<i>Henry II's ship 'troubled'</i>	<i>400 drowned</i>
G	1170	June	29	Europe & East	Earthquake	<i>Syria, Libya, Hungary, Germany, Switzerland</i>	<i>Great damage, many k.</i>
M	1171	December	24	England, Ireland	Thunderstorm	<i>Lasted 2 days in Ireland</i>	
A	1171	December	25	Europe	'Stars'	<i>Two fiery 'stars' in W.</i>	<i>Great & small</i>
M	1173	February	10	Ireland, England	Aurora	<i>Red light in N. at night</i>	<i>With white rays</i>
M	1173	May	17	Wales	Tornado	<i>Whirlwind, thunder, hail</i>	<i>Trees felled</i>
M	1174	November	4	England	Aurora	<i>Red sky in N.</i>	<i>At midnight</i>
M	1176	March	19	Korea	Aurora	<i>Red vapour in W.</i>	<i>At night</i>
M	1176	April	3	England, France	Gale	<i>Trees & houses felled</i>	
M	1177	June	19	Isle of Wight	Coloured rain	<i>'Dew of blood' fell</i>	<i>For 2 hours</i>
M	1177	July	22	England	Thunderstorm	<i>Hail broke trees</i>	<i>Many 'suffocated'</i>
M	1177	November	29	England	Aurora	<i>Burning flames at night</i>	
M	1177	December	1	England	Gale	<i>Woods & houses felled</i>	<i>E'ly gale</i>
M	1178	January	8	Lincolnshire	Sea flood	<i>Men & cattle drowned</i>	
A	1178	June	18	Kent, England	Lunar meteor impact?	<i>'Torch' sprang from crescent Moon</i>	<i>Moon then turned dark</i>
M	1179	Ireland			Snow	<i>'The snow of destruction'</i>	
A	1179	August	1	Europe	'Star'	<i>'Star' near Sun</i>	<i>Venus near Moon</i>
G	1180	April	25	England	Earthquake	<i>Throughout Midlands</i>	<i>Many houses fell</i>
M	1180			W. Japan	Drought	<i>Most rivers dried up</i>	
A	1181	August	6	China	Supernova	<i>In Cassiopeia</i>	<i>Bluish-red</i>
G	1183			Syria	Earthquake	<i>Many towns ruined</i>	<i>20,000 k.</i>
M	1184	February	17	Loch Ce, Ireland	Thunderstorm	<i>Over 80 nobles k. by lightning & flood</i>	<i>Many others k.</i>
G	1185			Sicily	Earthquake	<i>Cosenza destroyed</i>	<i>Adriatic sea wave</i>
G	1185	April	15	England	Earthquake	<i>Lincoln Cathedral rent</i>	<i>Many buildings</i>
A	1185	May	1	Europe	Solar eclipse	<i>'Red hot coals' on Moon</i>	<i>Prominences?</i>
A	1186	June	30	Mons, Belgium	Meteorites	<i>Several stones fell</i>	<i>Some of 1 lb.</i>
M	1187	October	14	England	Coloured rain	<i>Blood-rain, Derbyshire</i>	
G	1189	May	4	Bohemia	Earthquake	<i>Many buildings fell</i>	<i>18 months shocks</i>
M	1190	May		Mainz, Germany	Hail	<i>More than 100 villas devastated</i>	<i>Rain & floods all summer</i>
M	1191			Ireland	Gale	<i>Buildings & forests fell</i>	<i>Many k.</i>

G	1193			England	Earthquake	<i>Buildings & trees levelled</i>	
M	1194	January		England	Aurora	<i>Red light in NW at night</i>	<i>With white rays</i>
M	1194	June	24	England	Halo complex	<i>Circles round & through Sun, 'rainbow'</i>	<i>22° halo, parhelic circle & arc</i>
M	1195	November		England	Gale	<i>Buildings & trees fell</i>	
M	1196			Paris	Flood	<i>Seine flood</i>	<i>'Swept away' all</i>
M	1198	June	24	England?	Fall	<i>'Dew sweet as honey' fell</i>	<i>In Europe?</i>
M	1198	July	20	England	Thunderstorms	<i>Lightning destroyed villages & inhabitants</i>	<i>Hail k. birds & ruined crops</i>
A	1198	November		England	Comet	<i>Seen 15 days</i>	
M	1199			Scottish border	Floods	<i>Bridges swept away</i>	
M?	1200 (c)			Wales	Anomalous phenomenon	<i>Large 'human footprints' on grass</i>	<i>Grass 'scorched as if by fire'</i>
M	1200			Friesland	Sea flood	<i>100,000 drowned</i>	
M	1200	December		York, England	Anomalous phenomena	<i>5 'moons' seen; one 'moon' circled others</i>	<i>'Moons' with 'stars'</i>
G	1201 (c)			Middle East	Earthquake	<i>Egypt, Syria. Iraq, Armenia, Azerbaijan, &c.</i>	<i>1,100,000 lives lost</i>
M	1201	June	24	England	Heat & drought	<i>Harvest over on June 24</i>	<i>Cont. July, Aug.</i>
M	1201	June	25	England	Thunderstorm	<i>Violent rain caused floods</i>	<i>Contradicts prev.</i>
G	1202	May	20	Middle East	Earthquake	<i>Egypt, Syria. Iraq, &c.</i>	<i>1,100,000 k.</i>
A	1202	October	19	Middle East?	Meteor shower	<i>'Stars' shot all night</i>	
M	1203			London	Lightning?	<i>'Birds' with fire in beaks</i>	<i>Houses set afire</i>
G	1204			Mediterranean	Earthquake	<i>East, Sicily, Asia Minor</i>	<i>Tyre walls fell</i>
M	1204	April	1	England	Aurora	<i>Red light in sky at night</i>	
G	1204			Java	Earthquake	<i>'Bali separated from Java'</i>	
M	1205	January	14	England	Cold	<i>Cold winter, Thames froze. Frost to Mar. 22</i>	<i>Famine in Essex</i>
M	1205	June	23	England	Thunderstorms	<i>'Monster stricken by lightning'</i>	<i>At Maidstone, Kent</i>
M	1205	July	29	England	Thunderstorms & tornadoes	<i>Trees carried away or 'twisted like rope'</i>	<i>Many k. by lightning</i>
G	1206	December	4	Hekla, Iceland	Volcano	<i>Eruption to spring 1207</i>	
M	1207	January	27	England	Blizzard	<i>Many houses fell</i>	<i>Deep snowdrifts</i>
M	1207			Germany	Cold	<i>Most travellers froze to death on the roads</i>	
M	1209	February	11	England	Mirage?	<i>'Battle of the clouds'</i>	<i>At sunrise</i>
M	1210			Perth, Scotland	Flood	<i>Scots nobles drowned</i>	<i>Many lives lost</i>
M	1210	January		England	Cold	<i>Severe winter to Feb.</i>	<i>Great snow</i>
M	1211	April		England	Aurora	<i>Red bow in sky at night</i>	
M	1212			Holland	Sea flood	<i>306,000 drowned</i>	
M	1212	July	30	France	Coloured rain & halo cross?	<i>Shower of blood, Caen: 3 crosses in sky, Falaise</i>	
M	1212			Novgorod, Russia	Cold	<i>Early frosts destroyed harvest</i>	<i>Children sold as slaves for bread</i>
G	1214			London	Low tide	<i>Thames waded at Tower</i>	<i>Sea withdrew for several miles</i>
M	1216			Bremen	Sea flood	<i>20,000 k</i>	
M	1217	October	27	Dunstable, England	Meteor?	<i>'Magnificent cross' passed W. to E.</i>	
G	1218?			Franch Comté	Subsidence	<i>5,000 men engulfed</i>	<i>No earthquake</i>
M	1218	November	11	Holland, Germany	Sea flood	<i>1000,000 k</i>	
G	1219			Iceland	Volcano	<i>Submarine eruption</i>	<i>Off Næss Repp</i>
M	1219	January	16	Friesland	Sea flood	<i>36,000 k.</i>	
M	1221	October	18	London	Gale	<i>Houses & woods fell</i>	<i>From N.E.</i>
M	1222	March	13	England	Snow	<i>Great snow broke trees</i>	
M	1222	May	22	Austria	Hail	<i>Devastating at Salzburg</i>	<i>Egg-sized hail</i>
A	1222	September	28	Europe, China	Halley's Comet	<i>Perihelion</i>	<i>30 cubits long</i>
M	1222	December	12	England	Gale	<i>Churches & trees fell</i>	<i>Sea rose</i>
G	1222	December	25	Lombardy	Earthquake	<i>Continued 2 weeks</i>	<i>Much damage</i>
M	1223			Rome	Fall	<i>Rain of blood-coloured earth for 3 days</i>	
M	1224			Ireland	Fall	<i>'Strange shower' k. cattle</i>	<i>Nature N/S</i>
M	1224	January	1	England	Gale	<i>Towers & churches fell</i>	

M	1225	June	24	England	'Snow' - soft hail?	Great snow with lightning	At Winchester
G	1227			France	Rockfalls	5,000 k. at Pays d'Aix,	Winter
M	1231	March		England	Drought	Dry from March to Oct.	
M	1233	April	8	Hereford, England	Halo complex	4 'suns', 2 half circles & a great circle, sunrise	2 haloes, parhelia & parhelic circle
M	1233	June		England	Waterspouts	Fighting 'dragons' in air	South coast
M	1233	July	11	England	Floods	Men & animals drowned	Bridges lost
M	1235			Venice	Cold	Adriatic froze	Ice bore wagons
M	1236	January		England	Rain & floods	8 days of rain	Monstrous floods
M	1236	November		E. England	Gale & sea flood	Great numbers drowned	Flood for 2 days
M	1236			Kattegat	Ice	Ice bridge from Norway to Jutland	
M	1237	February		France	Flood	Seine flood for 15 days	Also Thames
A	1237	September	21	China	Comet	'Twisted & bent'	Seen 48 days
A	1239	June	3	Europe	Solar eclipse	Seen Coimbra, Toledo, Montpellier, Florence, etc	
M	1240			Siena, Italy	Aurora?	Brightness like daylight	At midnight
G	1240			Iceland	Volcano	Submarine eruption	Reika Näss
M	1241	March	25	England	Drought	From Mar. 25 to Oct. 28	Many rivers dry
A	1243	July	26	England	Meteor shower	'Stars' fell 40 at once	
G	1245			Katla, Iceland	Volcano	Fields covered by cinders	Glacier-burst
M	1245	December	6	Ireland	Frostbite	'Poisonous snow'	People lost toes
M	1246	November		Friesland	Sea flood	1,000s drowned	
G	1247	February	20?	England	Earthquake	Shock felt from Kent to Ireland	St. David's Cathedral inj.
G	1248			Savoy	Avalanche	From Mt. Grenier. Weight 400,000,000 tons	St. Andre overwhelmed
G	1249	November	24	Cambery	Landslide	Many villages lost	
M	1250	October	1	North Sea	Gale & sea flood	Great damage, England, Holland, Flanders	
M	1252	March		England, Ireland	Drought	Summer heat day & night	Shannon dried up
M?	1254	January	1	England	Aurora?	'Ship' in air at night	At St. Albans
G	1255			Lombardy	Seiches?	Lakes & rivers rose & fell	In summer
G	1256			Arabia	Volcano	Eruption near Medina	
M	1258			Scotland	Ball lightning?	'Flaming globe'	2 villas burnt
M	1258	June	24	England	Rain flood	Severn storm flood	Many drowned
G	1258-59			Unknown	Volcano	Great eruption recorded, Greenland ice cores	
M	1260	June	23	England	Hail	Stones took '3 men to lift'	'Asserted on oath'
M	1262	November	7	Germany	Aurora	E. sky inflamed at dusk	Many locations
M	1263	July	29	England	Aurora	'Wonderful sign' in N. sky	At midnight
A	1264	July	26	China, Europe	Comet	Tail extended across sky	100 cubits long
M	1266	May	30	England	Halo complex	White & 'rainbow' circle	Round Sun
G	1268			Cilicia	Earthquake	60,000 k.	
M	1268	November	30	Europe	Severe winter	Till May 25, 69	Baltic frozen
M	1269			Russia	Aurora	Armies in the sky	
M	1269	December	6	Cracow, Poland	Aurora	Cross-shaped brightness	At twilight
M	1270	January	20	Cracow, Poland	Aurora	Cross-shaped light in air	At night
M	1273			Friesland	Sea flood	20,000 k	
M	1275	September	11	England	Earthquake	Churches overturned	People k.
G	1276			Cilath	Earthquake	Shocks lasted 9 hrs.	Many k.
M	1277	January	1	Cracow, Poland	Aurora	Great light at night	Town illuminated
M	1277	October	10	E. England	Rain floods	2 day's rain & vast floods	Men & cattle k.
M	1279	October	25	Korea	Aurora	Purple vapour cloud	In W. sky
M	1281	August	22	Japan	Typhoon	Mongol invasion fleet lost	Kyushu
M	1282			Holland	Sea flood	Zuider Zee formed	Tempests
M	1282	February	2	Europe	Severe winter	London Bridge wrecked by ice, thaw flooded Paris	Began Dec. Great snow, Austria
M	1285			England	Drought	Fatal heat	
M	1287	December	14	England, Holland	Sea flood	50,000 drowned, Holland, 500, East Anglia	
G	1290	September	27	Chihli, China	Earthquake	1000,000 k.	
M	1292			Russia	Aurora	'Regiments' in the air	At night
G	1293	May	20	Kamakura, Japan	Earthquake	30,000 k.	
G	1294			Hekla, Iceland	Eruption	Pumice reached Faeroes	
M	1294	May	14	London	Snow	Heavy snow fell in City	
M	1295	March		Yemen	Hail	Stone too big to see over	Animals k.

A	1296			Velikoi-Ustyug, Russia	Meteorites?	Dark thundering cloud, then 'stony swarm' fell	Possible tornado
A	1299	February		England	Comet	With radiant tail	
G	1300	July	10	Hekla, Iceland	Volcano	Ash caused much damage	Lasted a year
A	1301	October	23	Europe, China	Halley's Comet	Perihelion	Tail 70° long
G	1302			Ischia, Italy	Volcano	Lava flow for 2 months	Also Vesuvius
G	1303	August	8	Egypt, Syria	Earthquake	Sea wave flooded Alexandria	Many buried under ruins
A	1304	October	1	Saale, Saxony	Meteorites	Several stones fell	
M	1305			England	Hot summer	Burning heat & drought	Hay failed
M	1306			Japan?	Coloured rain	Orange rain k. many	Men & cattle
M	1308			China	Droughts, floods	1 st of many disasters	Famine, plague
M	1308			Italy	Aurora?	'Great flame' after sunset	From N. to S.
M	1313			China	Drought	Whole empire desolated	
M	1315			Europe	Rain	Incessant rains followed by famine	Polish poor ate hanged bodies
M	1316			England	Rain & floods	2 years' heavy rain	Famine k. 1,000s
M	1317	November	19	Dublin, Ireland	Gale	Houses prostrated	
M	1318			China	Flood	'Multitudes drowned'	
G	1319			Armenia	Earthquake	Many towns ruined	
M	1321			Ho-nan, China	Drought	Famine followed	
A	1321-1368			O-chia, China	Meteorites	'Iron rain' k. people & animals	
M	1323			Denmark	Severe winter	S. Baltic frozen	
M	1324			China	Earthquakes	Droughts, floods, locusts	Again in 1327
M	1325			England	Ho summer	Drought; springs failed	Many cattle died
G	1328	December	1	Rome, etc.	Earthquake	Norcia ruined	5,000 k.
M	1330			China	Floods	Harvest ruined, famine	
G	1332			Iceland	Submarine volcano	Eruption between Iceland & Greenland	
M	1332			China	Floods	Rain & floods k. 7 million	
M	1333			China	Drought, floods	4000,000 k. in floods	Famine
M	1333			Baltic	Ice	Solid ice from Denmark to Prussia	
M	1334			China	Drought, floods	Famine & floods k. 13 million in S. provinces	
G	1334			China	Earthquake	Created lake 100 leagues in circumference	Ki-Ming-Chan mountains
G	1335	May	15	Mugello, Italy	Earthquake	Great landslide followed	R. Arno disturbed
A?	1339	July	13	Silesia	'Meteorites?'	300 'thunderbolts' fell	In storm
G	1341	May	19	Hekla, Iceland	Volcano	Ash k. much livestock	
M	1342			Vienna, Austria	Flood	Danube flood	6,000 drowned
G	1343			Hekla, Iceland	Volcano	11 farms destroyed	
G	1343	January	1	Membij, Syria	Earthquake	Town destroyed, 5,700 k	
G	1344			China	Earthquake	Great tract inundated	Seismic sea wave
G	1344			Drontheim, Norway	River burst	R. Gaulen vanished & reappeared in flood	250 drowned, 48 farms lost
M	1345	July		Italy	Rain	Lasted 6 months	Then famine
M	1347			Ho-tong, China	Drought	Many died	
M	1347	January	25	Italy	Aurora?	'Immense vapour' in N.	
M	1347			Cyprus	Earthquake	Sea wave swept island	Much damage
M	1348			Iceland	Severe winter	Sea froze round Iceland	
G	1348	January	25	Italy	Earthquake	Italy shaken from Naples to Venice	Felt Germany, Greece
G	1349	September	10	Italy	Earthquake	Felt through most of Europe	
M	1354			Italy	Aurora	Sky burned many hours	
G	1356	October	18	Basle	Earthquake	Castles & churches fell	
G	1356			Ireland	Earthquake	'Great loss of people'	
M	1359	February	9	Florence, Italy	Aurora	'Inflamed vapour' at night	'Like a bridge'
M	1360	May	8	Chartres, France	Hailstorm	'Thousands perished'	Men & horses k.
M	1360	September	13	Austria	Aurora	4 'fiery rainbows' in N.	At night
M	1361	February	25	England	Aurora	'Cloud like fire' at night	
M	1361	May	27	Boulogne, France	Halo cross?	'Bloody cross' in sky all day; fell into sea	Blood-rain in Burgundy, May
G	1361	December	27	Sienna, Italy	Earthquake	Many buildings fell	7 great shocks
G	1362			Oraefajokull, Iceland	Volcano	Subglacial eruption destroyed 30 farms	Also 17 churches
M	1362	January	13	Britain	Gale	'St. Maury's Wind'	Great S.W. storm
M	1363	September	16	Europe	Severe winter	Terrible frost Sept.-April	Rhine frozen

M	1366	January	12	England	Aurora	<i>Red sky in E. at night</i>	<i>Red & white rays</i>
A	1366	October	22	Portugal	Meteor shower	<i>'Stars' fell thickly</i>	
A	1368			Germany	Meteorite	<i>Mass of iron fell</i>	<i>At Oldenburg</i>
M	1368	October		St. Denis, France	Tornado?	<i>Trees torn up by roots, church hit by thunderbolt</i>	<i>'Crows' with fire in beaks</i>
A	1369			China	Meteorite?	<i>'Star' fell in river</i>	<i>Fire started</i>
M	1370			Russia	Aurora	<i>Red sky at night</i>	<i>Pillars in sky</i>
A	1370			China	Sunspots	<i>Spots frequently observed</i>	
M	1371	October	5	Vicenzo, Italy	Aurora	<i>'Inflamed smoke' at night</i>	<i>Great light</i>
G	1372			Iceland	Submarine volcano	<i>Eruption between Iceland & Greenland</i>	<i>Formed temporary island</i>
G	1372			Arragon, Spain	Earthquake	<i>'Terrible earthquakes'</i>	<i>Mountains fell</i>
A	1373	May		China	Comets	<i>3 comets seen</i>	
M	1375	May	10	Italy	Aurora	<i>Burning fire at night</i>	<i>Moved N. to S.</i>
M	1377	November	16	Holland, etc	Sea flood	<i>30,000 k. 32 villages lost, Germany</i>	
A	1378	November	9	China	Halley's Comet	<i>Perihelion</i>	
A	1379	May	26	Germany	Meteorites	<i>Several stones fell</i>	<i>At Minden</i>
G	1381	May	21	England, France	Earthquake	<i>Churches thrown down</i>	<i>Mallet says 1382</i>
M	1383			England	Fogs	<i>'Foetid fogs' spoiled fruit</i>	<i>Many died</i>
G	1383	August		Lesbos, Greece	Earthquake	<i>All buildings fell</i>	<i>500 k.</i>
M	1387			Europe	Hot summer	<i>Rhine waded at Cologne</i>	
G	1389			Hekla, Iceland	Volcano	<i>Ash & lava flow</i>	
M	1390	June		England	Hot summer	<i>Intense heat till Sept.</i>	<i>Plague</i>
A	1391	May	23	China	Two comets		
M	1392			France	Drought	<i>Ponds & rivers dry</i>	<i>Cattle died</i>
G	1394	March	22	Europe	Earthquake	<i>Switzerland, France, Germany</i>	<i>Mountains shook to summits</i>
M	1395	November		England	Aurora?	<i>'Thing in the likeness of fire' at night</i>	<i>Seen most of winter</i>
G	1395	December	18	Valencia, Spain	Earthquake	<i>Many buildings fell</i>	<i>Many shocks</i>
M	1399	July	22	Bologna, Italy	Aurora	<i>'Very great redness' in air</i>	
A	1402	March	21	Europe	Comet	<i>Perihelion of great comet. Visible day & night</i>	<i>Seen Feb. 21-Apr.10, Paris</i>
M	1402	May	25	Essex, England	Tornado & ball lightning?	<i>'Apparition' damaged Danbury church</i>	<i>'Flashing of shining globes'</i>
M	1402	September	7	Wales	Tornado	<i>King's lances thrown</i>	<i>Pierced armour</i>
M	1403	December	18	Italy	Aurora	<i>Great 'inflamed globe'</i>	<i>At night</i>
M	1405			Denmark, Germany	Sea flood	<i>36,000 k.</i>	
A	1406	June	16	English Channel	Solar eclipse	<i>Alarmed French fleet</i>	
M	1407			England	Severe winter	<i>Great frost for 25 weeks</i>	
M	1408			Europe	Severe winter (1407-08)	<i>Norway wolves reached Jutland across ice</i>	<i>Rivers & Swiss lakes froze</i>
A	1408	October	24	China	Supernova?	<i>Yellow star in Niandao</i>	<i>Motionless</i>
G	1408	December	30	Syria	Earthquake	<i>Antioch, Aleppo, etc.</i>	<i>Seismic sea wave</i>
M	1416			Bohemia	Coloured rain	<i>Red rain fell</i>	
M	1421	November	18	Holland	Sea flood	<i>72 villages lost</i>	<i>10,000 drowned</i>
G	1422			Eldey, Iceland	Volcano	<i>Submarine eruption</i>	<i>Island formed</i>
G	1426	September	29	Britain	Earthquake	<i>Whole of Britain.</i>	<i>Lasted 2 hours</i>
G	1427	March	5	Amer, Spain	Earthquake	<i>Every wall & house fell</i>	<i>No fatalities</i>
G	1427	April	2	Barcelona	Earthquake	<i>10 or 12 shocks a day</i>	<i>For 110 days</i>
G	1428	February	2	Spain	Earthquake	<i>Many towns ruined</i>	
M	1431	November	20	Germany	Severe winter	<i>Until March 4, 1432</i>	<i>Rivers frozen</i>
A	1433	June	17	Scotland	Solar eclipse	<i>'Black Hour'</i>	
G	1434			Hekla, Iceland	Volcano	<i>Damaging ash-fall</i>	
A	1438			Burgos, Spain	Meteorites	<i>Many vesicular stones</i>	
A	1439	March	25	China	Comet	<i>Tail 50 cubits long</i>	<i>'Large like a ball'</i>
G	1443	June	5	Hungary	Earthquake	<i>Many buildings fell.</i>	<i>Also Poland, Bohemia</i>
M	1446	April	10	Europe	Storm	<i>Thunder, snow & cold. Sea flood k. 100,000</i>	<i>Germany, France, Holland</i>
M	1453			Constantinople	Aurora?	<i>'Dazzling light' over town</i>	<i>All night</i>
M	1453			Germany	Tornado	<i>Rodenberg & Deister</i>	
G	1456			N. Atlantic	Submarine volcano	<i>Between Iceland & Greenland</i>	<i>Temporary island formed</i>
A	1456	June	9	China, Europe	Halley's Comet	<i>Perihelion</i>	<i>Prodigious tail</i>
M	1456	August	24	Ancona, Italy	Tornado	<i>Crossed Italy W. to E.</i>	<i>Great damage</i>
G	1456	December	5	Naples	Earthquake	<i>60,000 k</i>	
M	1459			Baltic Sea	Ice	<i>Ice crossed from</i>	

						<i>Denmark to Lubeck</i>	
G	1460 c.			New Zealand	Earthquake	<i>Maori tradition</i>	
A	1465	March		China	Comet	<i>Tail 30 cubits long</i>	
G	1467			Ava, Burma	Earthquake	<i>Buildings destroyed</i>	
M	1470	November	1	North Sea coast	Sea flood	<i>10,000 k</i>	
M	1471			Italy	Hailstones	<i>'Larger than ostrich eggs'</i>	
A	1472	February	28	China, Europe	Comet	<i>Great comet perihelion. Moved 40° in one day</i>	<i>Seen in daylight</i>
M	1473			England	Hot autumn	<i>Harvesters died of heat</i>	
G	1476			Sakurajima, Japan	Volcano	<i>Eruption k. many</i>	
M	1478			England	Hot summer	<i>4 months of great heat</i>	<i>Pestilence</i>
G	1480	December	28	England	Earthquake	<i>Buildings thrown down</i>	<i>Whole country</i>
G	1490			Ireland	Earthquake	<i>100 k. Lake formed</i>	
M	1490	January	10	Florence, Italy	Cold winter	<i>River Arno froze</i>	<i>Tennis on ice</i>
M	1490	January	17	Florence, Italy	Glazed frost	<i>Freezing rain broke trees</i>	
A	1490	February or March		Shansi Province, China	Meteorites	<i>'Stones fell like rain' & killed over 10,000</i>	<i>Largest size of goose eggs</i>
G	1491	October		Cos, Greece	Earthquake	<i>5.000 k</i>	
A	1492	September	15	Atlantic	Meteor?	<i>'Branch of fire' fell in sea</i>	<i>Obs Columbus</i>
A	1492	November	7	Alsace	Meteorite	<i>200 lb. stone, Ensisheim</i>	<i>After explosion</i>
M	1493	January	20	Florence, Italy	Blizzard	<i>Streets blocked by snow</i>	<i>Violent wind</i>
M	1495	October?		Santo Domingo	Hurricane	<i>Experienced by Columbus</i>	<i>3 ships sunk</i>
M	1495	December	4	Rome	Flood	<i>Great Tiber flood</i>	<i>Many drowned</i>
A	1496	January	26	Valdinoce, Italy	Meteorites	<i>3 stones fell</i>	
M	1500	June	29	Rome	Squall & hail	<i>Papal palace ruined</i>	<i>Hail 3 ft. deep</i>
A	1500	June		N. Africa	Meteor shower	<i>'Stars fell like rain'</i>	

The ABOMINATION Maketh The World DESOLATE

