

# Historical Ephemeris Timelines: Early Modern - Renaissance

Books > Historical Ephemeris > Timelines



Astro-historical timeline 9:

## The Renaissance

Waxing Neptune-Pluto hemicycle 1398-1644 CE

Key:

\* = a period of change or a general trend

? = an uncertain date

1398	INDIA: Timurlenk invades India & sacks Delhi, retires (disease; Delhi Sultanate now small)	<b>1398 NE CONJ PL</b> Ge Ge	1398 NE Ge
+	C EUROPE: Jan Hus (1369-1415), Wyclifian reformer, lecturing on theology at Prague university	1398 UR on S Node	
+	IBERIA: Prince Henry the Navigator (1394-1460) sponsors expeditions to Africa & Atlantic	1398 Sa CONJ UR Sg Sg	
1399	BRITAIN: king deposed; Henry IV King of England (1399-1413) (suppresses rebellion of nobles)	<b>1399 NE CONJ PL</b> Ge Ge	
+	* CHINA: great drainage & irrigation, reforestation & repopulation works by Ming dynasty		
+			
<b>1400</b>	* SE ASIA: Malacca founded as focal port between Indian & Pacific oceans (dhows meet junks)		
+	ITALY: rise of the Medici family in Florence (seed-point of Renaissance)		
+			
1401	MIDEAST: Mongol Timurlenk conquers Baghdad & Damascus		
+			
+			
1402	MIDEAST: Timurlenk defeats Ottomans in Anatolia at Bt of Ankara (Ottomans disintegrate)		1402 UR Cp
+	EUROPE: embassy from Ethiopia to Venice (later also to Lisbon, to find support against Mamluks)		
+			
1403	OTTOMANS: Suleiman I, Ottoman sultan (1403-11) (re-enlivens Ottoman culture)		
+	CHINA: Ch'eng Tsu, Emperor (1403-24) (after deposing heir); overseas trade expeditions		
+			
1404	ASIA: Timurlenk plans Islamic Holy War against China	1404 UR -qcx PL Cp Ge	
+			
+			
1405	PERSIA: death of Timurlenk, succeeded by Timurid Shah Rukh (1404-1447) (end of Mongol scourge)	1405 UR -qcx PL Cp Ge	
+	C ASIA: end of Chagatai Khanate of Altai, on death of Timurlenk		
+	* S ASIA: Chinese explore Indian Ocean (1405-33), extract tribute from Sumatra, Ceylon, Hormuz		
1406	ITALY: Venice takes over Padua, Florence takes over Pisa		
+			
+			
1407	FRANCE: civil war begins, on Burgundian murder of Duc d'Orleans	1407 UR -qcx NE Cp Ge	
+	BRITAIN: pestilence kills 30,000 in London (brought by ship from outside Europe)		
+	SE ASIA: China defeats Palembang (Sumatra), extracting tribute		
1408	W EUROPE: cardinals of Rome & Avignon meet to end the Great Schism	1408 UR -qcx NE Cp Ge	
+			
+			
1409		1409 UR -qcx NE Cp Ge	1409 UR Aq
+		1409 UR -sqt PL Cp Ge	
+			
1410	E EUROPE: Poland defeats Teutonic Knights at Battle of Tannenberg; Prussia declines	1410 UR -qcx NE Aq Cn	1410 UR Aq
+	C EUROPE: Jan Hus and Hussite followers excommunicated by Archbishop of Prague & Pope	1410 UR -sqt PL Aq Ge	1410 NE Cn
+	S ASIA: China defeats king of Ceylon		
1411	EUROPE: Conciliar Theory ("totality of faithful", not Pope, repr of Will of God): Ch reform period		1411 NE Cn
+			
+			
1412	INDIA: droughts bring famine in N India		
+			
+			
1413	OTTOMANS: Mehemmed I (1413-21) reconstructs Ottoman empire after Mongol disruptions	1413 Sa CONJ PL Ge Ge	
+	ASIA: Chinese sea missions reach as far as Hormuz, Persia & Aden (1418)		

+			
1414	W EUROPE: Thomas a Kempis' "Imitatio Christi"	1414 UR -tri PL Aq Ge	
+	W EUROPE: Council of Konstanz (1414-18) (33 cardinals, 900 bishops) reforms Catholic church	1414 Sa CONJ PL Ge Ge	
+	ITALY: the Medicis of Florence become papal bankers (rise of large European banking houses)		
1415	W EUROPE: Battle of Agincourt: Henry V K of England (1413-22) resumes claim on France, wins	1415 UR -tri PL Aq Ge	
+	NW AFRICA: BEGINNING OF PORTUGUESE OVERSEAS EXPANSION – occupation of Ceuta	1415 UR -sqz NE Aq Cn	
+	C EUROPE: Jan Hus burned at stake at Konstanz for heresy	1415 Sa CONJ NE Cn Cn	
1416		1416 UR -sqz NE Aq Cn	
+			
-			
1417	ROME: end of Great Schism, with election of Pope Martin V (1417-31)	1417 UR -sqz NE Aq Cn	1417 UR Pi
+	W EUROPE: English take Caen & Normandy		
+			
1418		1418 UR -sqz NE Pi Cn	
+			
+			
1419	C EUROPE: war between HRE & Bohemian Hussites (1419-36) (over church reform and heresy)	1419 Sa OPPN UR Vi Pi	
+	C EUROPE: Sigismund of Hungary obtains Bohemia; defeated by Hussites 1420		
+	E ASIA: Korean King Sejong (1419-51) (expands and safeguards Korea, ind cultural development)		
1420	FRANCE: Henry V of England enters Paris (recognised heir to French throne)	1420 Sa OPPN UR Vi Pi	
+			
+			
1421	CHINA: capital moved from Nanking to Beijing (modern'sn & to strengthen northern frontier)		
+			
+			
1422	C EUROPE: Hussites defeat Crusading HRE army near Prague (proto-Reformation victory for 'heretics')		
+			
+			
1423		1423 NE +ssx PL Le Cn	1423 PL Cn
+			1423 NE Le
+			
1424		<b>1424 UR -SQR PL Pi Ge</b>	1424 UR Ar
+		1424 UR -tri NE Pi Cn	1424 PL Cn
+		1424 NE +ssx PL Cn Ge	
1425	C EUROPE: division amongst Hussites between radicals (Taborites) & moderates	<b>1425 UR -SQR PL Pi Ge</b>	1424 NE Le
+		1425 UR -tri NE Ar Le	1425 PL Cn
+			
1426	W EUROPE: Holland becomes centre of European music	<b>1426 UR -SQR PL Ar Cn</b>	1425 UR Ar
+		1426 UR -tri NE Ar Le	
+			
1427	C AMERICA: GROWTH OF AZTEC EMPIRE (Itzcoatl, r1428-40, ests league of three Aztec cities)	1426 NE on N Node	
+	C AMERICA: Quiche Maya dominate Guatemalan highlands (1425-75, Quicab)	1427 UR -tri NE Ar Le	
+			
1428	SE ASIA: Chinese expelled from Vietnam; establishing of Le dynasty (1428-1788)		
+	FRANCE: meteoric career of Jeanne d'Arc, leading French armies against England		
+			
1429	FRANCE: French regrouping & revival; Jeanne d'Arc seige of Orleans (historic victory)		
+	EUROPE: Henry VI K of England (1429-61); Charles VII K of France (1427-61) (crowned at Rheims)		
+			
1430	RUSSIA: foundation of Khanate of Crimea (1430-1783) (Russian atavism of Mongol empire)	1430 Sa OPPN PL Cp Cn	
+			
+			
1431	SE ASIA: Siamese invasion of Cambodia leads to abandonment of Angkor Wat & end of Khmer empire		
+	FRANCE: Jeanne d'Arc burned at stake at Rouen (after being caught by Burgundians, Eng allies)		
+	W EUROPE: Henry VI of England crowned King of France at occupied Paris		
1432	GERMANY: peasant revolt at Worms 1432 UR Ta		
+	ASIA: Chinese Cheng Ho (Islamic) visits 20 states, obtaining tribute even frm Mecca		
+			
1433	ATLANTIC: Portuguese Gonzalo Cabral discovers the Azores (prelude to Age of Exploration)		
+	W EUROPE: Council of Basel (1431-49) resists Papal power (friction between bishops & Pope)		1433 UR Ta
+	AFRICA: acceleration of Euro trading & plundering in W Africa (for slaves & gold)		

1434	W AFRICA: Portuguese explore W African coast	1434 Sa OPPN NE Aq Le	
+	ITALY: Cosimo de Medici becomes ruler of Florence (1434-64); revolt in Rome against Pope		
+			
1435	FRANCE: Peace of Arras between France & Burgundy (ends Burgundian alliance with England)	1435 UR -sxt PL Ta Cn	
+	N EUROPE: Sweden's Riksdag (parliament) meets for the first time 1435 PL on N Node		
+			
1436	FRANCE: English army retires from Paris	1436 UR -sxt PL Ta Cn	
+	BRITAIN: Scots beat English at Bt of Berwick on Tweed; truce between England & Scotland 1438		
+	C EUROPE: Hussite Wars end; HRE: Sigismund acknowledged King of Bohemia (succ Albert V 1438)		
1437	CHINA: Emperor Ying Tsung (1436-49 & 57-64) (conservative)		1437 NE Vi
+			
+			
1438	* S AMERICA: INCA CONQUERING PERIOD started by Pachacutec, 9th Inca	1438 NE +ssq PL Vi Cn	1438 NE Vi
+	HRE: Habsburg Albert II of Austria elected HRE (office remains with Habsburgs until abolition in 1806)		
+			
1439		1439 NE +ssq PL Vi Cn	1439 UR Ge
+			
+			
1440	GERMANY: election of Frederick V of Styria, King of Germany (1440-93)	<b>1440 UR -SQR NE Ge Vi</b>	1440 UR Ge
+	C EUROPE: Nicholas of Cusa (1401-64) "Of Learned Ignorance" (tolerance, religious pluralism)	1440 NE +ssq PL Vi Cn	
+	SE ASIA: final abandonment of Angkor Wat by Khmers (effective end of Khmer culture)	1440 UR -ssq PL Ge Cn	
1441		<b>1441 UR -SQR NE Ge Vi</b>	
+		1441 UR -ssq PL Ge Cn	
+			
1442	W AFRICA: Portuguese navigators explore coastal W Africa (establishing Euro-African trade)	<b>1442 UR -SQR NE Ge Vi</b>	
+		1442 UR on N Node	
+		1442 Sa CONJ UR Ge Ge	
1443	E EUROPE: Hungarian nationalists under Janos Hunyady defeat Ottoman Turks at Nish	<b>1443 UR -SQR NE Ge Vi</b>	
+		1443 Sa CONJ UR Ge Ge	
+			
1444	E EUROPE: Battle of Varna, Turks beat Hungary & Poland (Turkish attempt to dominate Europe)		
+			
+			
1445	INNOVN: German Johannes Gutenberg (1397-1468) publishes the first printed book in Europe	1445 Sa CONJ PL Cn Cn	
+	RUSSIA: foundation of Khanate of Kazan (1445-1556) (post-Mongol khanate in E Russia)	1445 UR -ssx PL Ge Cn	
+			
1446	E ASIA: Korean alphabetical script replaces Chinese script in Korea	1446 Sa CONJ PL Cn Cn	1446 UR Cn
+		1446 UR -ssx PL Ge Cn	
+			
1447	AUSTRIA: Pope grants Concordat (giving Austria rights over its national church)		1447 UR Cn
+	E AFRICA: Great Zimbabwe superseded by state of Mwenemutapa (gold, slaves, towns)		1447 PL Le
+			
1448	BRITAIN: Anglo-Scots war renewed; houses of Lancaster & York become major rivals in England		1448 PL Le
+	E EUROPE: Ottomans under Murad II defeat Hungarians under Janos Hunyady		
+			
1449	W EUROPE: English break truce with France		
+	CHINA: 1 million people die in rebellions against Ming in Fukien & Chekiang		
+	CHINA: Emperor Ying Tsung captured for a year by Mongols (dynastic disorder in China)		
1450	* W AFRICA: SONGHAI EMPIRE in SAHEL reaches its prime, with a university at Timbuktu	1450 Sa CONJ NE Vi Vi	
+	* S AMERICA: Monomatapa empire founded		
+	AFRICA: European slave trade begins (10 million slaves transported 1450-1870)		
+	* EUROPE: GENERAL ECONOMIC RECOVERY & UPSWING in EUROPE		
+	ITALY: Francesco Sforza, Duke of Milan (1450-66)		
+	GERMANY: Gutenberg prints the Konstanz Mass Book (beginning of communications revolution)		
1451	S AMERICA: INCAS overcome CHIMU Indian civilisation in N Peru (becomes tributary state)		1451 NE Li
+	OTTOMANS: Mehemed II The Conqueror (1451-81) rebuilds Ottoman empire		
+	JAPAN: Shogun Yoshimasa (1449-90) (collapse of authority, yet cultural upswing, court style)		
1452	EUROPE: the MEDICI in FLORENCE STIMULATE THE RENAISSANCE and growth of culture & humanism		1452 NE Li
+	INDIA: Lodi dynasty inherits the Delhi Sultanate (1451-1526)		
+			

1453	W EUROPE: END of HUNDRED YEARS' WAR – England loses all continental possessions except Calais	1453 UR -sxt NE Le Li	1453 UR Le
+	E EUROPE: FALL OF CONSTANTINOPLE TO OTTOMANS (end of Byzantium, Ottoman zenith starts)		
+	OTTOMANS: St Sophia Basilica becomes a mosque, Istanbul (Constantinople) becomes Ottoman capital		
1454	GERMANY: GUTENBERG PRINTS THE MAZARIN BIBLE at Mainz (first proper use of movable type)	1454 UR -sxt NE Le Li	
+	S AMERICA: yellow fever wipes out much of Mayan culture		
+			
1455	BRITAIN: Wars of Roses (1455-85), between Houses of Lancaster & York (disarray in law & government)	1455 UR -sxt NE Le Li	
+	W AFRICA: Venetian sailors explore up the Senegal river (trade prospectors)	<b>1455 UR CONJ PL</b>	Le Le
+	* N AMERICA: depopulation & decline of Mississippian temple-cities ('empty quarter')		
1456	OTTOMANS: Turks conquer Greece and overrun Athens; Topkapi Palace built in Istanbul	<b>1456 UR CONJ PL</b>	Le Le
+	E EUROPE: Janos Hunyady & Hungarians expel Ottomans from Belgrade (Hungary blocks Turks)	1456 HALLEY'S COMET	
+	ITALY: Naples ruined by major earthquake (35,000 die)		
1457	PERSIA: Persia reunited by Mogul Abu Said, Sultan of Iran (1452-69)		
+			
-			
1458	C EUROPE: Hussite leader George of Podebrad, King of Bohemia (1458-71)		
+	C EUROPE: Matthias Corvinus, K of Hungary (1458-90) (strong & prosperous period for Hungary)		
+	OTTOMANS: Turks wreck the Acropolis (to break Greek identity, force subservience)		
1459	BRITAIN: renewal of Wars of Roses in England 1459 UR Vi		
+	ROME: Conciliar Theory declared heretical by Pope (end of reform period in RC Church)		
+			
1460	MIDEAST: fall of Trapezus, last Christian stronghold in Asia	1460 UR -ssq NE Vi Li	1460 UR Vi
+			
+			
1461	BRITAIN: Edward IV King of England (1461-83) (House of York; Wars of Roses continue)	1461 NE +sxt PL Li Le	
+	ITALY: Leonardo da Vinci at study under Verocchio	1461 UR -ssq NE Vi Li	
+			
1462		1462 NE +sxt PL Li Le	
+			
+			
1463	OTTOMANS: Turks conquer Bosnia; Herzegovina 1467	1463 NE +sxt PL Li Le	
+		1463 Sa OPPN PL Aq Le	
+			
1464	BRITAIN: peace between England & Scotland (England settles into general peace)	1464 NE +sxt PL Li Le	1464 PL Vi
+	FRANCE: Louis XI establishes French royal mail service	1464 Sa OPPN PL Aq Le	1464 NE Sc
+	W AFRICA: SONGHAI ASCENDANCY under Sanni Ali (Mali and gold trade eclipsed by Songhai)		
1465		1465 NE +sxt PL Li Le	1465 PL Vi
+			1465 NE Sc
+		1466 NE +sxt PL Sc Vi	1465 UR Li
1466	C ASIA: foundation of Khanate of Astrakhan (1466-1556) (post-Mongol khanate)	1466 UR +ssx PL Li Vi	1466 UR Li
+		1466 UR -ssx NE Li Sc	
+		1466 Sa OPPN UR Ar Li	
1467	MIDEAST: Turkoman Uzun Hasan of Azerbaijan & Kurdistan (Horde of White Sheep) takes Persia	1467 NE +sxt PL Sc Vi	1466 PL Vi
+	JAPAN: Onin War (1467-77) (reshuffling of feudal domains, prelude to century of ongoing war)	1467 Sa OPPN UR Ar Li	1466 UR Li
+			
1468	* N EUROPE: slow decline of Hansa League (trade shifts to Atlantic, Baltic powers grow)	1468 NE +sxt PL Sc Vi	
+		1468 Sa OPPN UR Ar Li	
+			
1469	ITALY: Lorenzo de Medici the "Magnificent", ruler of Florence (1469-92) (cultural growth)	1469 NE +sxt PL Sc Vi	
+	IDEAS: Pliny's "Historia Naturalis" (first Euro scientific book ever published)	1469 Sa OPPN NE Ta Sc	
+			
1470	S AMERICA: INCAS DESTROY CHIMU KINGDOM (developing central control of large, efficient empire)	1470 NE +sxt PL Sc Vi	
+	ASIA: Khan Dayan reunites Mongols in peaceable Buddhist Asian kingdom (1470-1543)	1470 Sa OPPN NE Ta Sc	
+	AFRICA: Portuguese explore Gold Coast		
1471	SE ASIA: Annam (N Vietnam) annexes Champa (S Vietnam), expanding southwards	1471 NE +sxt PL Sc Vi	
+	BRITAIN: climax of civil war in England; Edward IV enters London victorious		
+			
1472	N AMERICA: Deitrich Pining, Danish sailor, discovers Newfoundland	1472 NE +sxt PL Sc Vi	1472 UR Sc
+	RUSSIA: Ivan III marries Sophia Palaeologus (neice of last Byzantine emperor)	1472 UR +ssq PL Sc Vi	

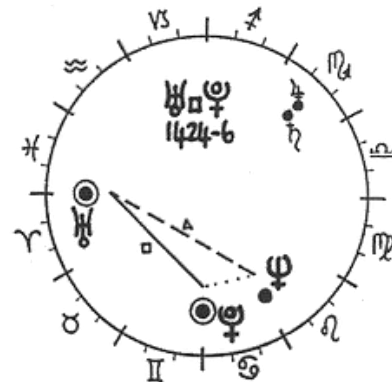
+			
1473	MED'N: Cyprus taken over by Venice (for trading advantage in NE Med'n)	1473 NE +sxt PL Sc Vi	
+	* S AMERICA: Inca Tupac Yupanqui conquers Bolivia & N Chile (1471-93)		
+			
1474	IBERIA: Isabella, Queen of Aragon (1474-1504)	1474 NE +sxt PL Sc Vi	
+	INNOVN: William Caxton prints first book in English at Bruges; Chaucer's "Canterbury Tales" 1477		
+			
1475	FRANCE: Burgundy at the height of its power, partitioned 1477 between France & Habsburgs	1475 NE +sxt PL Sc Vi	
+	OTTOMANS: Khanate of Crimea (successor state to Golden Horde) allies with Ottomans		
+			
1476		1476 NE +sxt PL Sc Vi	
+			
+			
1477	W EUROPE: Habsburgs acquire the (later Austrian) Netherlands by marriage	1477 NE +sxt PL Sc Vi	
+		1478 NE +sxt PL Sc Vi	
+			
1478	RUSSIA: Ivan the Great, Czar of Russia (1478-1505), subdues Novgorod & ejects Mongols (1480)	<b>1478 UR CONJ NE</b> Sc Sc	1478 PL Li
+		<b>1479 UR CONJ NE</b> Sc Sc	1478 UR Sg
+			
1479	IBERIA: union of Aragon & Castile under Ferdinand & Isabella (Spanish state takes shape)	1479 UR +sxt PL Sc Vi	1478 NE Sg
+		1479 NE +sxt PL Sg Li	1479 PL Li
+			
1480	* PERSIA: local Safavid dynasty gradually removes rule by Turkoman Horde of White Sheep	1480 NE +sxt PL Sg Li	1479 UR Sg
+	RUSSIA: RISE OF RUSSIAN POWER (Ivan the Great breaks with Golden Horde, expands territories)	1480 Sa CONJ PL Li Li	1479 NE Sg
+	C AMERICA: civil wars rage in northern Maya states		
1481	IBERIA: beginning of Spanish Inquisition under state & church; Jewish converts examined	1481 NE +sxt PL Sg Li	
+		1481 UR on S Node	
+			
1482	W EUROPE: Peace of Arras between Louis XI King of France (1461-83) and Austrian Habsburgs		
+			
+			
1483	RUSSIA: Russians begin exploration of Siberia (in vacuum brought by Mongol decline)		
+	INDIA: 700 Hindu Rajputs commit ritual death rather than convert to Islam		
+			
1484	OTTOMANS: Ottomans conquer most of Black Sea coast (restricting Russian access)		
+	ROME: Papal Bull 'Summis desiderantes'; against witchcraft & sorcery		
+	AFRICA: Portuguese discover the Congo river, meet with king of advanced Kongo kingdom		
+	BRITAIN: Richard III K of England (1483-5) (reforms law, taxation & trading rules in England)		
1485	BRITAIN: Bt of Bosworth, Richard dies; Wars of Roses end (Henry, heir to H of Lancaster wins)		
+	BRITAIN: Henry VII (1485-1509); TUDOR DYNASTY (1485-1603) (midwives to British Empire)		
+			
1486	GERMANY: election of Maximilian I German King (1486-1519)	1486 Sa CONJ NE Sg Sg	1486 UR Cp
+	* EUROPE: Botticelli (1444-1510) painter & Durer (1471-1528) engraver, at work		
+			
1487	IBERIA: Spaniards conquer Malaga from Moors		
+			
+			
1488	W EUROPE: Flemish towns revolt against Maximilian I (resenting distant rule)		
+	JAPAN: first Ikkoikki uprising (religious uprisings venting discontent)		
+			
1489		1489 Sa CONJ UR Cp Cp	
+			
+			
1490	ITALY: Leonardo da Vinci (1452-1519), inventor & genius, at work		1490 PL Sc
+	INDIA: Kabir (1440-1518), teacher (reconciliation & Hindu-Muslim unity, seeds Sikh sect)		
+	AFRICA: King Nzinga Nkuwu of Congo converts to Christianity (Portuguese missionaries)		
1491	C EUROPE: Vladislav II recognises Habsburg right of succession in Hungary & Bohemia		1491 PL Sc
+	* N EUROPE: contraction of Hansa League (overseas offices & warehouses close)		
+			
+			
1492	IBERIA: FALL of ARAB GRENADA: Arabs and Jews expelled from Spain; persecution by Inquisition		
+	FRANCE: Charles VIII K of France (1483-98) takes control of government		

- + W EUROPE: Henry VII attacks France, after Fr support for Perkin Warbeck (large indemnity paid)
- + AMERICAS: COLUMBUS explores Caribbean: Bahamas, Cuba & Haiti; MED'N: Span conq Maghreb
- + EUROPE: Behain constructs the first globe; da Vinci designs a flying machine
- + E EUROPE: Ottomans finally invade Hungary and (1493) Dalmatia & Croatia (Europe at risk)
- 1493 N AMERICA: Incas expand in Equador, found Quito as 2nd cap; first Span settlement in New World 1493 PL Peri 7Sc 1493 NE Cp
- + GERMANY: peasants' revolt in SW Germany and Alsace 1493 UR +ssx NE Aq Cp 1493 UR Aq
- + \* EUROPE: publishing profession develops, merging typefounding, printing, bookselling
- + ITALY: Sforzas of Milan & Borgias of Florence gain in power through marriage & favour
- 1494 W EUROPE: beginning of rivalry for European dominance between Habsburgs & France (to 1700s) 1494 UR +ssx NE Aq Cp
- + S AMERICA: Treaty of Tordesillas: New World divided between Portugal & Spain
- + \* W AFRICA: zenith of Songhai empire (1494-1529) under Askia Mohammed
- + BRITAIN: Drogheda parliament makes Ireland subservient to England; HRE supports Perkin Warbeck
- 1495 ITALY: Charles VIII (Fr) inv Italy (Naples); Pope flees; peace by Sforza (end Papal primacy)
- + HRE: Diet of Worms, law and tax reforms in Germany
- + EUROPE: da Vinci (1452-1519), Heironymus Bosch (1450-1516), Durer (1471-1528)
- + W EUROPE: syphilis epidemic spread from Naples by French troops
- 1496 N AFRICA: Spain takes Tenerife, to weaken Arab influence (beginning of overseas expansion) **1496 UR +SQR PL Aq Sc**
- + \* EUROPE: Sforza's 1495 treaty sets precedent for Balance-of-Power politics of modern Europe
- + BRITAIN: Perkin Warbeck claims Eng throne (1492-99), agitation in Scotland, Ireland & SW England
- + EUROPE: royal marriages build new alliances -- Spain-Austria, Florence-Naples, Portugal-Spain
- 1497 N EUROPE: Danish king Johann II invades Sweden and revives Scandinavian Union **1497 UR +SQR PL Aq Sc**
- + BRITAIN: risings in England; rebels defeated, Warbeck captured; executed 1499
- + N AMERICA: John Cabot (Genoan, sailing from England) makes landfall in Newfoundland
- + ATLANTIC: da Gama (Port) sails southern Trade Winds, rounds Cape of Good Hope, enters Pacific
- + N AMERICA: French explorer Cartier explores Labrador, Quebec, St Lawrence
- 1498 C AMERICA: Columbus explores Caribbean coasts and islands, thinking it Asian paradise **1498 UR +SQR PL Aq Sc**
- + ASIA: Portuguese Vasco da Gama reaches Malabar, India, round Africa, crossing Indian Ocean
- + INNOVN: Michaelangelo (1475-1564) & Erasmus (philosopher, 1465-1539) at work
- + FRANCE: Louis XII, king of France (1498-1515)
- 1499 EUROPE: Switzerland becomes an independent republic (after war with Swabia & Peace of Basel) **1499 UR +SQR PL Aq Sc**
- + \* EUROPE: END OF EARLY RENAISSANCE; BEGINNING OF HIGH RENAISSANCE 1499 Sa OPPN PL Ta Sc
- + IBERIA: Inquisition forces mass conversion of Moors (stimulating Arab revolt in Grenada)
- + OTTOMANS: Turks defeat Venetian fleet; treaty 1503, Venice abandons Lepanto



**Neptune conjunct Pluto 1394-96**

Timurlenk invades Iraq, Persia, N India (brings decline of Delhi Sultanate); Ottomans control Balkans (Bt of Kosovo); last pagan European state, Lithuania, converts to Catholicism; rebuilding in Ming China (after previous wars); Hundred Years War, England v France; Sweden, Denmark & Norway united (Kalmar); first stirrings of European Renaissance in Italy (Medicis in Florence); Henry the Navigator sponsors Portuguese exploration to Africa; Timurlenk defeats Ottomans - Ottoman revival under Suleiman I; fall of Timurlenk's empire on his death; ascendancy in Korea; most of Eurasia in intense transition



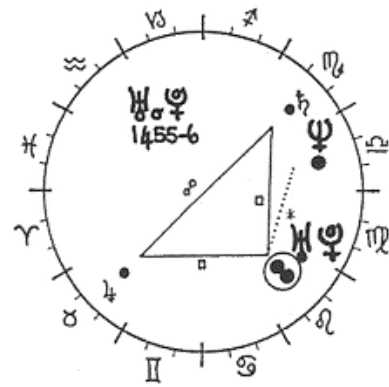
**Uranus square Pluto 1424-26**

First Protestant stirrings in Euope (Hussites); rise of Holland as Europe's centre of trade & arts; Aztec ascendancy; rise of Vietnam; Joan of Arc leads French armies against England; Chinese maritime exploration, visiting Mecca, E Africa, Antarctic, Caribbean; Quiche Maya dominate Guatemala highlands; Chinese capital moves from Nanking to Beijing



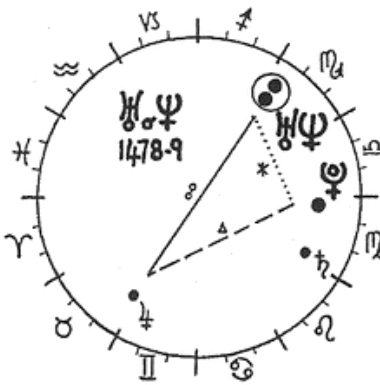
**Uranus square Neptune 1440-43**

Inca conquering period, Peru; Gutenberg publishes first printed book; Mongol Khanate of Kazan, Russia; conservatism in China; zenith of Songhai kgdm, Sahara; economic upswing in Europe; discovery of the Azores, W African coast explored by Portuguese (Euro-African trade); end of Khmer culture, Cambodia; Hungarians defeat Ottomans in Balkans (blocking Ottoman growth into Europe)



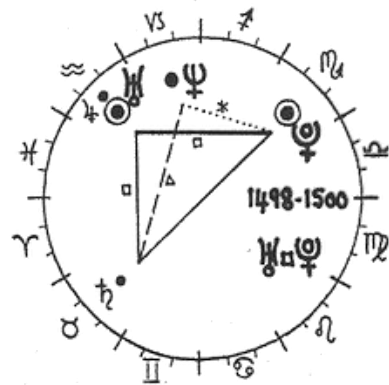
**Uranus conjunct Pluto 1455-56**

Incas overcome Chimu culture; Renaissance in Medici Florence; England loses Hundred Years War; Wars of the Roses, England; Ottomans take Constantinople - end of Byzantium; decline of the Maya, Yucatan; Gutenberg's Bible; decline of Mississippian temple cities; Ottomans invade Greece



**Uranus conjunct Neptune 1478-79**

End of state of Burgundy; Ferdinand & Isabella (union of Aragon & Castile, Spanish revival); Inca expansion; Russia ejects Mongols (Ivan the Great - rise of Russia); Tudor dynasty, England (modernisers); witchcraft burnings, Europe; Habsburgs acquire the Netherlands (by marriage); civil wars, northern Maya, Mexico; rise of Safavid dynasty, Persia



**Uranus square Pluto 1498-1500**

Columbus - Spaniards visit the Caribbean; Incas take Bolivia; end of Arab Grenada (rise of Spain); ascendancy of Habsburg dynasty, Austria; Safavid dynasty, Persia; High Renaissance, Europe; last Mongol khanate falls; Portuguese colony in India (Vasco da Gama); English land in Newfoundland (Cabot); Switzerland becomes independent

1500 PERSIA: SHAH ISMAEL I FOUNDS PERSIAN SAFAVID DYNASTY (until 1736)

+ S AMERICA: Brazil claimed for Portugal by Cabral; Vespucci explores Amazonas; Greenland rediscovered

+ GERMANY: first regular postal link established between Vienna & Brussels

+ INNOVN: Wynkyn de Worde opens printing press on Fleet St, London (birth of an institution)

1501 W EUROPE: Peace of Trent, HRE recognises French gains in N Italy; Louis XII king of Naples

+ E EUROPE: Ivan III invades Lithuania; parts of E Poland 1503 (Russian expansionism)

+ ROME: Papal Bull orders burning of all books questioning church authority

+ RUSSIA: final end of Khanate of the Golden Horde in Uzbekistan & Astrakhan (last Mongol state)

1502 INDIA: Portuguese colony founded at Cochin, by Vasco da Gama (first in European foothold in India)

+ C AMERICA: AZTEC ZENITH, Montezuma II, Aztec ruler (1502-20); Columbus explores Honduras

+ S AMERICA: Amerigo Vespucci realises that S America is a continent, not part of Asia

+ ITALY: Bellini ("Baptism of Christ") & Botticelli ("Last Communion of St Jerome") at work

1503 BRITAIN: James I of Scotland marries Margaret Tudor (seed of Stuart dynasty 1603)

+ GERMANY: War of Succession for throne of Holy Roman Empire (Bavaria vs Palatinate)

+ ITALY: Spain fights France over Naples, wins; da Vinci (1452-1519) paints "Mona Lisa"

+ AFRICA: Portuguese colonise Zanzibar as trading station; Mozambique 1506

1504 ITALY: Treaty of Lyons: Naples to Spain (beginning of Habsburg domination in Italy)

+ C ASIA: Mongols under Babur expelled from Ferghana by Uzbeks; Babur captures Kabul (Afghanistan)

+ INNOVN: construction of a Suez canal first proposed, by Venetians to the Turks

+ BRITAIN: Henry VII places Guilds & Companies under state supervision

1505 INDIAN OCEAN: Portuguese establish trading posts in East Africa and explore Ceylon

+ GERMANY: Maximilian I institutes COUNTER-REFORMATION of HRE (Habsburg designs on power)

+ RUSSIA: death of Ivan the Great, succeeded by Vasili (Basil) III

+ EUROPE: Bosch's "Garden of Earthly Delights" (marks last fling of Gothic Middle Ages)

1506 IBERIA: riots in Lisbon lead to slaughter of 2000-4000 converted Jews

**1500 UR +SQR PL Aq Sc**

1500 Sa OPPN PL Ta Sc

1501 UR +ssq NE Pi Cp

1501 UR Pi

1502 UR +ssq NE Pi Cp

1502 PL Sg

1503 UR +ssq NE Pi Cp

1503 PL Sg

1504 Sa OPPN NE Cn Cp

1505 Sa OPPN NE Cn Cp

1506 NE Aq

+ ITALY: beginning of rebuilding of St Peter's, Rome, by Bramante, to take 120 years		
+ S AMERICA: Sugar cane first grown by Spaniards		
+ GERMANY: spices from East Indies first imported to Europe (by trader Jakob Fugger, Augsburg)		
1507 GERMANY: first use of the name "America" (after Vespucci) in Waldseemüller's Atlas		1507 NE Aq
+ BRITAIN: plague strikes London		
+ HRE: Diet of Konstanz recognises unity of HRE under Maximilian I (anti-Habsburg feelings)		
+ GERMANY: Martin Luther ordained as a priest in the Cath church (experienced conversion 1505)		
1508 ITALY: Michaelangelo (Cistine Chapel), da Vinci (turbine) & Raphael (painter) at work		1508 UR Ar
+ C AMERICA: SPANISH CONQUESTS BEGIN: Puerto Rico 1508-11, Cuba 1511-15, Panama 1509-19		
+ MIDEAST: Baghdad becomes a Persian Safavid province		
+ SE AFRICA: Portuguese colonisation of Mozambique begins (gold, slaves, naval base)		
+ GERMANY: Maximilian I assumes title of HR Emperor; German king now automatically becomes HRE		
+ ITALY: Venice under attack from League of Cambrai; defeated 1509 (envy over trading strength)		
1509 INNOVN: the pocket watch is invented by Peter Henlein in Nurnberg 1509 UR +sxt NE Ar Aq		1509 UR Ar
+ S ASIA: Portuguese control Indian Ocean by routing Egyptian & Gujarati fleets; Malacca visited	1509 Sa OPPN UR Li Ar	
+ GERMANY: persecution of Jews in Germany by Johann Pfefferkorn, supported by HRE	1509 NE on S Node	
+ BRITAIN: Henry VIII becomes King of England (age 17)	1509 Sa OPPN UR Li Ar	
1510 INDIA: Goa captured by Portuguese (first European possession in Asia)	1510 UR +sxt NE Ar Aq	
+ N AMERICA: East coast of North America comprehensively explored by Europeans	1510 Sa OPPN UR Li Ar	
+ S AMERICA: transatlantic slave trade begins -- Portuguese take slaves to Brazil	1510 Sa OPPN UR Li Ar	
+ N AFRICA: end of Spanish crusade against Moors, Spain retains seized ports in the Maghreb		
1511 SE ASIA: Portuguese take emporium of Malacca, to dominate trade in the Far East	1511 UR +sxt NE Ar Aq	
+ E EUROPE: Poland establishes serfdom		
+ BRITAIN: Henry VIII begins major reforms of Royal Navy (prelude to English imp expansion)		
+ EUROPE: Pope forms Holy League (Venice, Aragon, Britain) to drive French out of Italy		
1512 INNOVN: Copernicus proposes heliocentric solar system in "Commentariolus"	1512 UR +sxt NE Ar Aq	
+ PERSIA: Shi'ite Islam becomes the state religion of Persia; Ismail drives Uzbeks from Khorasan		
+ OTTOMANS: Selim I 'The Grim' becomes Sultan of Turkey (1512-20); friction with Shi'ite Persia		
+ E EUROPE: war between Russia & Poland (1512-22) (for space & Russian access to Baltic)		
+ W AFRICA: Askia Mohammed of Songhai overcomes the Hausa city-states (N Nigeria)		
1513 BRITAIN: English beat the Scots at Bt of Flodden Field (James IV claiming English throne)		
+ ASIA: Portuguese visit E Indies; Alvarez reaches Canton, China		
+ C AMERICA: Balboa crosses Panama to Pacific; Ponce de Leon claims Florida, de Cuellar Cuba		
+ S AMERICA: Inca Huayna Capac completes subjection of Quito culture (Ecuador)		
1514 C EUROPE: peasants' revolt in Hungary (against Turks); peasants' revolt in S Germany	1514 UR +tri PL Ar Sg	
+ RUSSIA: Russians under Vasili III take Smolensk (part of westward expansion)		
+ ROME: Pope Leo X issues Papal Bull against slavery, forbids printing of books without permit		
+ * GERMANY: financier Jakob Fugger (1459-1525) at peak of wealth & influence		
1515 ASIA: Portuguese gain mastery of trade with East by taking Hormuz (Persia)	1515 UR +tri PL Ar Sg	
+ BRITAIN: Thomas Wolsey appointed Lord Chancellor of England under Henry VIII		
+ BRITAIN: laws made against enclosure of common land (against big landowners)		
+ OTTOMANS: Selim I conquers Anatolia & Turkestan, attacking Persia (Safavid setbacks)		
1516 BRITAIN: Thomas More writes "Utopia", describing a land governed by Reason	1516 UR +tri PL Ta Cp	1516 PL Cp
+ BENELUX: Erasmus publishes edited Bible in Greek and Latin		1516 UR Ta
+ EUROPE: Charles I unites HABSBERG DYNASTY, uniting Spain-Neths-Burg'y-Sicily-Span America		
+ OTTOMANS: OTTOMAN EXPANSION: Turks overrun Syria, Jerusalem, Egypt and, by 1517, Arabia & Mecca		
1517 Mexico: Mayan civilisation in Yucatan discovered by Spanish explorer Cordoba	1517 UR +tri PL Ta Cp	
+ GERMANY: REFORMATION: MARTIN LUTHER'S '95 THESES' on RC church abuses, at Wittenberg		
+ N AFRICA: end of the Egyptian MAMLUK EMPIRE, brought about by Ottoman Selim I		
+ AFRICA: Hausa confederation defeats Songhai empire (becoming major power in NW Africa)		
1518 EUROPE: Peace of London ends war between England, France, HRE, Pope & Spain -- Wolsey's doing	1518 UR +tri PL Ta Cp	
+ * INNOVN: spectacles on public sale; Asian porcelain, coffee & chocolate introduced	1518 Sa CONJ PL Cp Cp	
+ BRITAIN: founding of Royal College of Physicians (Linacre) & Royal Exchange (1519, Gresham)		
+ * INDIA: teacher Chaitanya revives Vishnu worship in E & N India; hindu revival		
1519 EUROPE: Habsburg Charles I (Sp) elected HRE Charles V (biggest Euro ruler since Charlemagne)		
+ INDIA: Sikh religion founded by Guru Nanak in Punjab		
+ GERMANY: Zwingli initiates Swiss Reformation; Luther questions Papal infallibility in Leipzig		
+ INNOVN: MAGELLAN CIRCUMNAVIGATES WORLD (dies 1521 Philippines, survivors return 1522)		
1520 N EUROPE: Christian II of Denmark & Norway defeats Sweden (uniting Scandinavia)		1520 NE Pi
+ GERMANY: Anabaptist movement founded (Protestants who baptise active believers only)		



+ GERMANY: Luther excommunicated; Swiss end Papal allegiance (breakthrough of Reformation)		
+ S AMERICA: CORTES CONQUERS the AZTEC EMPIRE (mainly by disease), claims Mexico for Spain		
+ SE ASIA: rise of the Muslim states of Aceh (Sumatra) and Bantam (Java)		
1521 GERMANY: M Luther outlawed by HRE Diet of Worms (Reformation getting serious)	1521 UR +sqt PL Ta Cp	1521 NE Pi
+ OTTOMANS: Suleiman the Magnificent, Sultan (1520-66, greatest Ottoman Sultan) conquers Hungary		
+ BRITAIN: Henry VIII named "Defender of Faith" by Pope Leo X (for anti-Luther stand)		
+ N EUROPE: Gustav Vasa & Swedes resist Danish invasion of Sweden		
1522 S AMERICA: Spaniards conquer Guatemala; explore Peru; Santo Domingo cathedral built	1522 UR +sqt PL Ta Cp	
+ MED'N: Turks defeat Knights of St John on Rhodos (1530 Knights move to Malta)		
+ GERMANY: Luther translates New Testament; criticises extremist Protestants at Wittenberg		
+ E AFRICA: war between Islamic Adal (Red Sea state) & Christian Ethiopia		
1523 N EUROPE: Gustav Vasa elected King of Sweden: independence 1524 (beg'n of Greater Sweden)	1523 Sa CONJ NE Pi Pi	1523 UR Ge
+ INNOVN: first marine insurance policies issued in Florence & Venice	1523 PL on S Node	
+ BRITAIN: Parliament under Thomas More rebels against Henry VIII's tax demands	1523 UR +sqt PL Ge Cp	
+ BRITAIN: Fitzherbert's "Book of Husbandry": first agricultural manual published		
+ * S AMERICA: INCA EMPIRE AT ITS ZENITH (under Huayna Capac, 1493-1525)		
+ CHINA: Ming forces throw off major attack by Japanese Wako pirates (to protect sea trade)		
1524 GERMANY: Peasants' War across Germany: Protestants protest feudalism & aristocratic oppression	1524 Sa CONJ NE Pi Pi	1524 UR Ge
+ INNOVN: Bennewitz's "Cosmographia" (first textbook on theoretical geography)	1524 UR +sqt PL Ge Cp	
+ INDIA: Babur enters NW India; Vasco da Gama becomes first European viceroy in India (to Babur)		
+ C AMERICA: SPANISH CONQUEST OF THE MAYA BEGINS		
1525 HRE: Charles V becomes dominant in Italy on defeat of French and Swiss	<b>1525 UR +SQR NE Ge Pi</b>	
+ GERMANY: Anabaptist Munzer sets up a communistic theocracy in Mulhausen; suppressed		
+ S AMERICA: civil war between N (Quito) & S (Cuzco) Inca kingdoms		
+ E EUROPE: Teut Knight Albert makes Prussia a secular duchy; Knights convert to Lutheranism		
1526 C EUROPE: Bt of Mohacs: Ottoman Turks overrun Hungary (exile Hungary capital at Bratislava)	<b>1526 UR +SQR NE Ge Pi</b>	
+ C EUROPE: HABSBURG Austro-Hungarian state founded by Ferdinand of Austria, to resist Turks	1526 UR on N Node	
+ INDIA: Bt of Panipat: BABUR CONQUERS DELHI, FOUNDS MUGHAL EMPIRE; Punjab invaded 1525		
+ GERMANY: creative peak of Albrecht Durer ("The Four Apostles"); Luther's "German Mass"		
1527 AUSTRIA: reorganisation of Habsburg gov't (to encompass expansion and Turkish pressures)	<b>1527 UR +SQR NE Ge Pi</b>	
+ ITALY: Florence becomes a republic (cosmopolitan birthplace of Renaissance)	1527 UR +qcx PL Ge Cp	
+ * N EUROPE: Lutheran reformation in Sweden & Denmark; * BENELUX: Hans Holbein		
+ EUROPE: Rome sacked by Holy Roman Emperor, signalling END OF RENAISSANCE		
+ E AFRICA: Muslim Adali chief Ahmed Gran (Somalia) attacks Christian Ethiopia		
1528 BRITAIN: beginning of Scottish Reformation; Henry VIII seeks divorce from Catherine of Aragon	<b>1528 UR +SQR NE Ge Pi</b>	
+ EUROPE: typhus epidemic in Italy, Germany & Britain	1528 UR +qcx PL Ge Cp	
+ IDEAS: Swiss Paracelsus, physician & alchemist, writes 1st manual of medical surgery		
+ * OTTOMAN EMPIRE REACHES PEAK OF INFLUENCE & EXTENT (on failing to take Vienna & Austria)		
1529 C EUROPE: Civil war between Catholics & Protestants (Caths eventually defeated)	1529 UR +qcx PL Ge Cp	
+ BRITAIN: "Reformation Parliament" summoned by Henry VIII (over divorce issue); fall of Wolsey		
+ GERMANY: "Protestants" (hence name) protest oppression by Catholic majority at Diet of Speyer		
+ W EUROPE: Peace of Cambrai between France, Holy Roman Empire & England		
+ W AFRICA: Songhai dominates all of West Africa and its trade		
1530 ITALY: last HRE coronation by a Pope: Charles V crowned HRE & King of Italy	1530 UR +qcx PL Ge Cp	1530 UR Cn
+ GERMANY: Prot princes unite as Schmalkaldic League against HRE & Pope; Augsburg Confession		
+ S AMERICA: Portuguese establish first colonies in Brazil		
+ BENELUX: Antwerpen Exchange founded		
1531 WORLD: visitation of Halley's Comet, arousing much anticipation	1531 HALLEY'S COMET	
+ * IBERIA: INQUISITION active, persecuting Protestants & Jews; Lisbon destroyed in earthquake		
+ BENELUX: first complete publication of Aristotle's works, by Erasmus (revival of classicism)		
+ BRITAIN: Henry VIII becomes supreme head of Anglican church		
1532 E EUROPE: war between Turks (Suleiman I) & Austria; Turks gain in Hungary, Aust keep Croatia		1532 PL Aq
+ S AMERICA: SPANISH CONQUISTADORS (Pizarro) attack INCA EMPIRE; Great Inca killed 1533		
+ FRANCE: Calvin starts the Protestant reformation in France		
+ INNOVN: Rabelais' "Pantagruel" satires; Machiavelli's "The Prince" (about fluxings of states)		
1533 RUSSIA: Ivan IV "The Terrible" Czar (1530-84, age 3); St Basil's Church begun	1533 Sa CONJ UR Cn Cn	
+ BRITAIN: Henry VIII marries Anne Boleyn -- future Q Elizabeth I born; Henry excommunicated		
+ EUROPE: the first "lunatic asylums" are set up (without medical input)		
+ * AFRICA: Ashanti, Dahomey & Benin kgdms lucratively selling slaves to Europeans		
* SE ASIA: Dai Viet kingdom fragments into petty states		
1534 BRITAIN: HENRY VIII breaks with Rome (tips balance of power to NW Europe, away from Rome)	1534 Sa OPPN PL Le Aq	1534 NE Ar

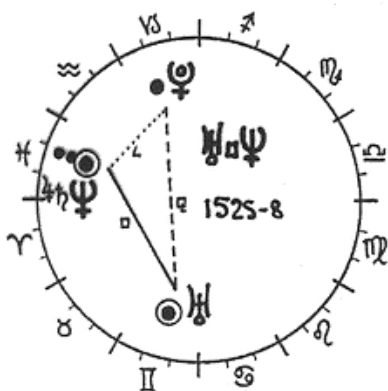
+ FRANCE: foundation of Jesuit Order by Loyola (to counteract Protestant ascendancy)		
+ GERMANY: Luther completes German translation of Bible; Anabaptist communistic state at Münster		
+ N AMERICA: French explorer Cartier explores Labrador, Quebec, St Lawrence (first unsuccessful colony)		
+ S AMERICA: first African slaves in New World landed in Brazil (beginning of transatlantic slave trade)		
1535 BRITAIN: dissent over Anglican Ch; Sir Th More executed for treason; Holbein's "Henry VIII"	1535 Sa OPPN PL Le Aq	1535 NE Ar
+ N AFRICA: Charles V (HRE) invades Tunis and frees 20,000 Christian slaves		
+ GERMANY: Anabaptist state of Mulhausen surrenders to Catholic troops		
+ N AMERICA: Spaniards establish viceroyalty of Mexico		
+ INDIA: Mughal emperor Humayun invades Gujarat (W India)		
1536 BRITAIN: dissolution of 376 monasteries & religious houses; "Pilgrimage of Grace") opposition	1536 NE +sxt PL Ar Aq	1536 UR Le
+ BRITAIN: gov't of England & Wales unified in London, Welsh language outlawed in Wales		
+ S AMERICA: foundation of Buenos Aires and Lima; end of first period of American colonisation		
+ N EUROPE: Lutheran reformation in Norway & Denmark		
1537 BRITAIN: newly-married Queens of England & Scotland both separately die (coincidentally)	1537 NE +sxt PL Ar Aq	1537 UR Le
+ W EUROPE: Paracelsus' "Grosse Astronomie" (astrology); Mercator's map of Flanders		
+ S AMERICA: destruction of Chibcha Indian culture, by Conquistadors (Spanish control Colombia)		
+		
1538 FRANCE: Calvin exiled from Geneve, settles in Strasbourg	1538 NE +sxt PL Ar Aq	
+ BRITAIN: destruction of churches & religious relics in England	<b>1538 UR OPPN PL</b> Le Aq	
+ OTTOMANS: peak of Ottoman military power (on strength of foreign slave soldiers)	1538 UR +tri NE Le Ar	
+ INDIA: Ottoman navy attacks Portuguese in India (control of Indian Ocean)		
1539 N EUROPE: Swedish Olaus Magnus of Upsala publishes a world map	<b>1539 UR OPPN PL</b> Le Aq	
+ INDIA: Suri Afghans of Bihar conquer much of the Mughals' territory (Mughal retreat, until 1556)	1539 UR +tri NE Le Ar	
+ SE ASIA: Tabin Shweti of Toungou begins to unify Burma (at peak by 1555)	1539 NE +sxt PL Ar Aq	
+	1539 Sa OPPN NE Li Ar	
1540 * FRANCE: Nostradamus (1503-1566) at work; first publ predictions	1547 1540 NE +sxt PL Ar Aq	
+ MED'N: Venice & Ottomans sign peace and trade treaty at Istanbul (Constantinople)	<b>1540 UR OPPN PL</b> Le Aq	
+ W EUROPE: Servetus researches circulation of the blood	1540 UR +tri NE Le Ar	
+ ROME: Pope calls Council of Trent to arrange Counter-Reformation; recognises Jesuit Order	1540 Sa OPPN NE Li Ar	
1541 BRITAIN: John Knox leads the Calvinist Reformation in Scotland	1541 UR +tri NE Le Ar	
+ BRITAIN: Henry VIII assumes title of king of Ireland & head of Irish church		
+ C EUROPE: John Calvin founds reformed church and puritan Protestant order in Geneva		
+ N AMERICA: Coronado explores New Mexico-Texas-Oklahoma areas for Spain; Mississippi discovered		
1542 BRITAIN: Mary, Queen of Scots, ascends Scots throne (age six days)		
+ ROME: Inquisition established in Rome by Pope Paul III		
+ ASIA: start to Jesuit St Francis Xavier's missions in Asia, at Goa		
+ * S AMERICA: Spaniards take over Aztec & Inca silver mines in Mexico & Peru (Potosi)		
+ CHINA: Mongols under Altan Khan attack N China (again in 1550) – defeated by Ming		
1543 E EUROPE: Polish Copernicus publ "Of the Revolution of Celestial Bodies" (heliocentricity)		1543 UR Vi
+ IBERIA: Protestants first burned at stake for heresy by Spanish Inquisition		
+ JAPAN: Portuguese visit Japan, trading at Tanegashima		
+ IBERIA: da Garay designs a steam boat		
1544 EUROPE: Agricola establishes study of geology; Ghini publishes herbal medical manual	1544 UR +sqt NE Vi Ar	
+		
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+		
1545 EUROPE: COUNCIL OF TRENT initiates the COUNTER-REFORMATION by Catholics	1545 UR +sqt NE Vi Ar	
+ C EUROPE: HRE, Austria & Ottomans sign Truce of Adrianople		
+ INNOVN: first European botanical garden at Padua, Italy		
+ INNOVN: Mercator idents earth's magnetic pole; Cordus' "Pharmacopeia"; infections also studied		
1546 W AFRICA: destruction of Mali empire by Songhai empire, Sahel	1546 UR +sqt NE Vi Ar	
+ GERMANY: civil war between Catholic HRE & Protestant Schmalkaldic League		
+ E EUROPE: Ottomans occupy Moldavia		
+ GERMANY: Martin Luther dies		
1547 EUROPE: new monarchs: Ivan IV Czar (majority); Edward VI K England; Henry II K France	1547 UR -qcx PL Vi Aq	1547 NE Ta
+ RUSSIA: Moscow destroyed by fire; Ivan IV crowned first czar of Russia	1547 UR +sqt NE Vi Ta	
+ BRITAIN: taxes levied in London to support the poor		
+		
1548 OTTOMANS: incursions into Persia; occupation of Tabriz	1548 UR -qcx PL Vi Aq	1548 NE Ta
+ FRANCE: first covered theatre opened in Paris, Hotel de Bourgogne		

+ JAPAN: St Francis Xavier founds a Jesuit mission in Japan		
+ 1549 RUSSIA: Ivan IV calls the first national assembly in Russia	1549 UR -qcx PL Vi Aq	1549 UR Li
+ S AMERICA: Jesuit missionaries establish themselves in S America		
+ BRITAIN: rebellion in Devon & Norfolk		
+ 1550 CHINA: Mongol Altan Khan attacks N China; Japanese pirate raids in CHINA: China under attack	1550 UR +qcx NE Li Ta	1550 UR Li
+ * W EUROPE: BEGINNING of the EARLY BAROQUE PERIOD		
+ * IBERIA: SPAIN AT THE ZENITH OF GROWTH AND POWER 1550-1600		
+ W EUROPE: creative period of painter Titian (1477-1576); Michaelangelo still at work		
1551 OTTOMANS: Turks take Libya, but fail to capture Malta from Knights of St John	1551 UR +qcx NE Li Ta	
+ S AMERICA: foundation of university of Lima, Peru		
+ INNOVN: early playing of cricket (England) and billiards (Italy)		
+ 1552 C ASIA: Ivan IV the Terrible of Russia conquers Khanates of Kazan & Astrakhan (by 1556)	1552 Sa CONJ PL Aq Aq	1552 PL Pi
+ GERMANY: half of HRE Imperial army killed by typhus	1552 UR +qcx NE Li Ta	
+ 1553 BRITAIN: succession problems & revolt of Catholics in England; Mary I, Queen (1553-8)	1553 UR +qcx NE Li Ta	1553 PL Pi
+ OTTOMANS: Suleiman I makes peace with Persia	1553 UR -sqt PL Li Pi	
+ N EUROPE: British explore northern passage, visiting Archangelsk, disc Novaya Zemla		
+ 1554 BRITAIN: Catholic restoration in England, under Mary I; rebellion in Kent		
+ 1555 GERMANY: Peace of Augsburg gives Protestant states equality with Catholic states		1555 UR Sc
+ N AMERICA: French colony established at Rio de Janeiro, Brazil		
+ CHINA: seige of Nanking by Japanese pirates		
+ BRITAIN: Catholic Thomas Cranmer burned at stake by Protestants		
+ SE ASIA: Burma: Toungou invades Ava & Chiangmai (unification of Burma, lasts to 1600)		
1556 RUSSIA: Ivan the Terrible conquers Ukraine (to reach Black Sea)	1556 UR -tri PL Sc Pi	1556 UR Sc
+ HRE: abdication of Charles V; Spain goes to Philip II, HRE to Ferdinand I of Austria		
+ INDIA: accession of popular AKBAR THE GREAT, Moghul emperor 1556-1605, Moghul empire restored		
+ CHINA: largest death toll by an earthquake in history, 830,000 die in Shanxi province		
1557 CHINA: Portuguese establish Macao, China, as the first Euro-Chinese trading post	1557 UR -tri PL Sc Pi	
+ EUROPE: economic problems, state bankruptcy in Spain & France; influenza epidemic in Europe	1557 Sa OPPN UR Ta Sc	
+ 1558 FRANCE: English lose Calais (last English continental possession)	1558 UR -tri PL Sc Pi	
+ BRITAIN: accession of Elizabeth I, Queen of England (1558-1603); Lord Dudley chief adviser	1558 Sa OPPN UR Ta Sc	
+ GERMANY: Hamburg Exchange founded in free city of Hamburg		
+ BRITAIN: economist Gresham proposes reform of English currency		
1559 INNOVN: tobacco first introduced into Europe (in the form of snuff, in Portugal)	1559 Sa CONJ NE Ta Ta	
+ FRANCE: Mary Queen of Scots, wife of French king, claims English throne		
+ INNOVN: Portuguese begin sugar plantations in Brazil		
+ S AMERICA: smallpox epidemic in Brazil kills millions of indigenous people		
1560 BRITAIN: church of Scotland founded; beginnings of Puritan movement in England		1560 NE Ge
+ FRANCE: liberty of worship promised after Protestant Huguenot rising		
+ MED'N: Ottoman fleet destroys Spanish fleet off Tripoli, Libya		
+ IBERIA: Madrid becomes capital of Spain		
1561 FRANCE: Edict of Orleans ends persecution of Huguenots		1561 NE Ge
+ BRITAIN: England takes in Calvinist Huguenots from Flanders (part of HRE)		
+ BRITAIN: Scottish "Confessions of Faith", clarifying reformation after work of John Knox		
+ 1562 FRANCE: Wars of Religion (1562-98), between Huguenots & Catholics; 1200 Huguenots massacred		1562 UR Sg
+ BRITAIN: Shane O'Neill's rebellion against English rule in Ireland		
+ FRANCE: English seize le Havre, losing it following year; plague in Paris		
+ BENELUX: Pieter Brueghel (1520-69), painter, at work		
1563 C EUROPE: Habsburg Maximilian II king of Bohemia & Hungary	<b>1563 UR OPPN NE Sg Ge</b>	1563 UR Sg
+ C EUROPE: Counter-Reformation begins in Bavaria & Poland		

+ EUROPE: plague over most of Europe		
+ N AMERICA: voyages of John Hawkins to Americas, takes many items back to England		
1564 W EUROPE: England & France end war at Peace of Troyes	<b>1564 UR OPPN NE Sg Ge</b>	
+ HRE: Maximilian II HR Emperor (1564-76)		
+ RUSSIA: revolt of Boyars (nobles) against Ivan IV the Terrible		
+ ROME: Index of prohibited books released by the Pope (as part of Counter-Reformation)		
1565 INDIA: Akbar the Great extends Mughal power to the Deccan; fall of state of Vijayanagar	<b>1565 UR OPPN NE Sg Ge</b>	
+ MED'N: Turks beseige Knights of St John on Malta; Spanish support, Turks withdraw	1565 UR on S Node	
+ ATLANTIC: Spaniards establish major convoys to carry valuable goods across Atlantic		
+ E ASIA: Spaniards occupy Philippine islands, building capital Manila 1571		
+ N AMERICA: first American colony at St Augustine, Florida (Spanish, built to stop Huguenots taking Florida)		
1566 BENELUX: DUTCH REVOLT AGAINST SPAIN BEGINS: Dutch Inquisition abolished after Calvinist riots	<b>1566 UR OPPN NE Sg Ge</b>	
+ C EUROPE: renewal of warring between Ottomans & Austro-Hungarians	<b>1566 UR -SQR PL Sg Pi</b>	
+ INNOVN: a regular newspaper appears in Venice		
+ * OTTOMANS: gradual disintegration of Ottoman Empire (1567-1661)		
1567 BRITAIN: scandals around Mary Queen of Scots bring her abdication	<b>1567 UR -SQR PL Sg Pi</b>	
+ BRITAIN: Irish rebellion suppressed, Shane O'Neill killed	1567 Sa OPPN PL Vi Pi	
+ BENELUX: reign of terror starts on arrival of new Habsburg governor		
+ JAPAN: coup d'etat by Nobunaga, centralising government in Kyoto; Japan unifies, opens to westerners		
1568 E EUROPE: peace between Ottoman Selim II & Habsburg Maximilian II	<b>1568 NE +SQR PL Ge Pi</b>	
+ N EUROPE: coup d'etat in Sweden; Johann III king of Sweden (1568-92)		
+ BRITAIN: first modern Welsh Eisteddfod		
+ * S AMERICA: typhoid fever, brought by Europeans, kills millions of indigenous people		
1569 BRITAIN: rebellion in N England, Durham cathedral damaged	<b>1569 NE +SQR PL Ge Pi</b>	1569 UR Cp
+ IBERIA: Morisco rebellion in Grenada, Spain		
+ E EUROPE: Union of Lublin unites Poland & Lithuania		
+ INNOVN: Mercator's "Cosmographia" and world navigational maps		
1570 JAPAN: Nagasaki opens to trade with Portuguese, Ports carry forbidden Chinese goods	<b>1570 NE +SQR PL Ge Pi</b>	1570 UR Cp
+ MED'N: Turks attack Cyprus, declare war on Venice		
+ FRANCE: Huguenots receive amnesty, in third stage of Wars of Religion		
+ * BRITAIN: major economic growth in England under Elizabeth I		
1571 MED'N: Bt of Lepanto between Austrians (Don John) & Turks (end of Turkish seapower in C Med'n)	<b>1571 NE +SQR PL Ge Pi</b>	
+ AFRICA: Portuguese establish a colony in Angola; ZENITH OF KANEM-BORNU (Chad) under Idris III		
+ FRANCE: reconciliation between Huguenots & Catholic Charles IX		
+ RUSSIA: Moscow attacked by Crimean Tatars		
+ INDIA: Akbar builds new Moghul capital at Fatehpur Sikri (seeking to build new religious tolerance)		
+ SE ASIA: Spanish found Manila in the Philippines (beginning of serious takeover of Philippines)		
1572 BENELUX: Dutch revolt against Spanish Habsburg rule; Haarlem beseiged	<b>1572 NE +SQR PL Ge Pi</b>	
+ FRANCE: massacre of St Bartholomew against Huguenots in Paris; Wars of Religion restart		
+ * INNOVN: Tycho Brahe (1546-1602) pioneers observational astronomy in Denmark		
+ S AMERICA: English under Francis Drake harry & raid Spanish ships & ports in S America		
+ WORLD: visible nova appears in Cassiopaea constellation		
1573 CHINA: Ming Wan Li Emperor of China (1573-1620)		
+ MED'N: Ottomans & Venetians sign Peace of Constantinople (trade deals, Cyprus passes to Ottomans)		
+ JAPAN: Hideyoshi conquers lands across Japan to assist Nobunaga's unification of Japan (complete 1590)		
1574 OTTOMANS: Murad III, Sultan of Turkey (1574-95); N AFRICA: Tunisia taken by Ottomans from Spaniards		1574 NE Cn
+ * BENELUX: Habsburgs hold control in Holland, no concessions; storms break dikes, troops drown		
+ EUROPE: crowns of France & Poland held by same king, Henry III of France		
+ INDIA: Moghul invasion of Gujarat (for seaports, 1572) & Bengal (by 1576)		
1575 INDIA: Moghul Akbar the Great conquers Bengal		1575 NE Cn
+ IBERIA: Spanish state goes bankrupt; ASIA: Muslim princes expel Spaniards from Molluccas		
+ INNOVN: Tycho Brahe constructs special observatory at Uraniborg		
+ S AMERICA: Brazil exports sugar, attracts many Port settlers; slave trade from Angola (Luanda) to Brazil		
1576 FRANCE: Edict of Beaulieu offers toleration of Huguenots	1576 UR -sxt PL Cp Pi	
+ HRE: Rudolf II, Holy Roman Emperor (1576-1612)		
+ BENELUX: Spaniards attack Antwerpen; Don John becomes governor of Neths; Congress of Ghent		
+ INNOVN: Jean Bodin's "La Republique" advocates constitutional monarchy		

1577	BENELUX: Spanish don John deposed by Dutch States General; William of Orange takes Bruxelles	1577 UR -sxt PL Aq Ar	1577 UR Aq
+	BRITAIN: Holinshed's "Chronicles of England, Scotland & Ireland"	1577 Sa OPPN NE Cp Cn	1577 PL Ar
+	BRITAIN: Francis Drake sets out to circumnavigate world, returns 1580		
+	* BRITAIN: setting up of trading companies to cover different parts of the world		
+	C ASIA: Altan Khan accepts authority of Dalai Lama & Buddhism over the Mongols (major cultural change)		
1578	N AFRICA: Bt of Al Kasr al Kebir: Moroccans destroy Portuguese power in NW Africa		1578 PL Ar
+	PERSIA: Mohammed Khudabanda, Shi'ite Shah of Persia (1578-87)		
+	JAPAN: one of Japan's rulers, Otomo Yoshishige, converted to Christianity by Jesuits		
+	BENELUX: Habsburgs lose initiative in Holland; English seek to mediate		
1579	BENELUX: Dutch Republic founded at Union of Utrecht; Anglo-Dutch alliance (trade interests)	1579 UR -qcx NE Aq Cn	1579 PL Ar
+	N AMERICA: Francis Drake claims California ("New Albion") for England (not followed up)		
+	* EUROPE: heated attention on witchcraft across Europe		
+	MIDEAST: Long War (1578-90) between Sunnite Ottomans & Shi'ite Persians		
1580	IBERIA: Spaniards invade Portugal; vast empire in Americas & Philippines	1580 Sa CONJ UR Aq Aq	
+	FRANCE: seventh outbreak of Wars of Religion	1580 UR -qcx NE Aq Cn	
+	BRITAIN: earthquake in London brings about building laws restricting city growth		
+	INNOVN: intro from Chile of potato to Britain, Germany & Austria (high yield carbohydrates)		
1581	RUSSIA: Yermak and Cossacks begins Russian exploration/conquest of Siberia, to 1598	1581 UR -qcx NE Aq Cn	
+	INDIA: Moghul Akbar the Great (re-)invades Afghanistan; AFRICA: Moroccan expansion into Sahara		
+	EUROPE: Pope Gregorius XIII (1572-85) attempts to reconcile Catholic & Russ Orthodox churches		
+	INNOVN: Galileo Galilei (1564-1650) researches properties of pendulum		
1582	E EUROPE: Poland & Sweden attack Russia; Poland gains Livonia & Estonia – Russian Baltic access blocked	1582 UR -qcx NE Aq Cn	
+	EUROPE: Gregorian calendar adopted in Italy, Spain, Portugal, France, Netherlands, Scandinavia	1582 UR -ssq PL Aq Ar	
+	CHINA: MING DECLINE; emperors cease conducting court business; reign of terror by officials; corruption		
+	N AMERICA: first English colony in America, founded in Newfoundland		
+	JAPAN: Hideyoshi becomes shogun of unifying Japan (1582-1600, centralisation, security and control)		
1583	BENELUX: punitive attack on Antwerpen by French (in support of HRE)		
+	BENELUX: William of Orange becomes ruler of N Holland; assassinated 1584 (by Habsburgs)		
+	BRITAIN: Merchant Adventurers send expeditions to Persia & India; plots against Elizabeth I		
+	CHINA: first Jesuit mission in China		
1584	SE ASIA: Phra Narai creates an independent Siam		1584 UR Pi
+	N AMERICA: Sir Walter Raleigh annexes Virginia		
+	RUSSIA: Boris Gudonov comes to power in Russia, Ivan dies; Archangelsk founded, link to west		
+	* OTTOMANS: econ inflation, rising population & shrinking economy slowly erode Ottoman empire		
1585	BENELUX: England & France refuse sovereignty of Neths; Amsterdam & Rotterdam now main ports	1585 Sa CONJ PL Ar Ar	1585 UR Pi
+	C AMERICA: Sir Francis Drake attacks Spanish bases in Caribbean		
+	JAPAN: dictatorship in Kyoto under Hideyoshi (Shogun 1585-98)		
+	* BRITAIN: Shakespeare (1564-1616) becomes known; also playwright Christopher Marlowe		
1586	BRITAIN: Mary Q of Scots jailed at Fotheringay (treason, plot against Eliz I), executed 1587		
+	PERSIA: Abbas I, Shah of Persia (1586-1628)		
+	BRITAIN: bad harvests & food shortages in England		
+	SE ASIA: Portuguese freebooters try to seize power in Burma & Cambodia, are expelled		
1587	ROME: Pope Sixtus V proclaims Catholic crusade against England; offers financial aid to Armada	1587 UR -ssx PL Pi Ar	1587 NE Le
+	JAPAN: Hideyoshi closes Japan to foreigners, banishing Portuguese missionaries		
+	E EUROPE: Swedish royal son becomes king Sigismund III of Poland (1587-1632)		
+	BRITAIN: architect Inigo Jones (1573-1652) begins work		
1588	W EUROPE: Spanish Armada defeated by the English (establishes English supremacy on the seas)	1588 UR -sqt NE Pi Cn	1588 NE Le
+	BRITAIN: translation of Bible into Welsh by William Morgan (first fixing of written Welsh)		
+	INNOVN: development of shorthand by Timothy Bright in England		
+	FRANCE: rebellion in Brittany, Rouen, la Rochelle		
+	PERSIA: Abbas I the Great becomes shah (1588-1629, many conflicts with Ottomans)		
1589	FRANCE: Henry III assassinated, naming Henry IV (K of Navarre) heir (first Bourbon king)	1589 UR -sqt NE Pi Le	
+	RUSSIA: Boris Gudunov reaffirms Russian Orthodox independence of Patriarch of Constantinople		
+	INNOVN: Hakluyt's chronicles of voyages of European explorers; Galileo professor at Pisa		
+	INNOVN: knitting machine developed in England; forks first used in France		
1590	MIDEAST: Shah Abbas of Persia signs peace with Turks, ceding Georgia & Tabriz	1590 UR -sqt NE Pi Le	
+	FRANCE: succession difficulties; Henry IV besieges Paris		
+	INNOVN: coal mining begins in Ruhr valley, Germany (prelude to industrial revolution)		
+	EUROPE: Shakespeare's "Henry VI"; Spenser's "Faerie Queen"; Galileo's work on gravitation		

- 1591 N AFRICA: Bt of Tondibi: Moroccans destroy Songhai kingdom in Sahel, annex Timbuktu & W Sudan 1591 NE on N Node  
+ FRANCE: Henry IV excommunicated by Pope Gregorius XIV 1591 UR -sqt NE Pi Le  
+ \* S AMERICA: SPANISH AMERICAN COLONIES at peak of growth, prosperity and influence  
+ INNOVN: Janssen develops the microscope
- 1592 INDIA: Moghul Akbar the Great conquers Sind 1592 UR Ar  
+ JAPAN: Hideyoshi attempts invasion of Korea, then China; stopped by Koreans & Ming Chinese  
+ E EUROPE: crowns of Poland & Sweden united under Sigismund III  
+ SE ASIA: Sir James Lancaster explores Malayan coast
- 1593 C EUROPE: Austrian Rudolf II renews war on Ottoman Turks 1593 UR Ar  
+ FRANCE: Henry IV becomes Catholic, appeasing Pope  
+ ITALY: founding of Sant Ambrogio Bank in Milan  
+ INNOVN: Galileo's "Golden Rule"
- 1594 FRANCE: Henry IV king of France (1594-1610); freedom of worship given to Huguenots 1594 NE +tri PL Le Ar  
+ INDIA: Akbar the Great takes Kandahar, Afghanistan 1594 Sa CONJ NE Le Le  
+ C EUROPE: Turks move dangerously close to Vienna, at Raab (threat to Europe)  
+ INDIA: English trader Lancaster breaks Portuguese trade monopoly in India
- 1595 SE ASIA: Dutch begin to colonise Indonesia (East Indies) 1595 NE +tri PL Le Ar  
+ W EUROPE: French Henry IV declares war on Spain; Spaniards attack Penzance, Cornwall  
+ AUSTRIA: Protestant peasant revolt in Upper Austria; forced re-Catholicisation in 1597  
+ ITALY: Giordano Bruno, scientist, jailed by Pope (supporter of Copernican heresy, killed 1600)
- 1596 W EUROPE: Cadiz raided by English; Spanish take Calais (to cut links between England & France) 1596 NE +tri PL Le Ar  
+ ASIA: Japan & China make peace; 1597 Hideyoshi resumes attacks on Korea 1596 UR -tri NE Ar Le  
+ INNOVN: Galileo invents thermometer; Kepler (1571-1630) at work on planetary orbits  
+ N EUROPE: rivalry between Hansa League (Baltic trading cities) & English traders, peak 1598
- 1597 W EUROPE: second Spanish Armada against England stopped by storms 1597 UR -tri NE Ar Le  
+ AUSTRIA: Transylvania ceded to Austria; Protestants exiled from Austria & Styria 1597 NE +tri PL Le Ar  
+ \* BRITAIN: Sir Francis Bacon, scientist & philosopher (1561-1627) at work  
+ SE ASIA: Dutch found colony of Batavia, Java (bypassing Portuguese); Dutch take Mauritius 1598
- 1598 RUSSIA: troubles in Russia; Boris Gudunov formally elected Czar 1598 NE +tri PL Le Ar  
+ PERSIA: Shah Abbas I creates an imperial capital at Isfahan; INDIA: Moghul capital moves to Agra **1598 UR CONJ PL Ar Ar**  
+ FRANCE: Wars of Religion end in France, with Treaty of Ponts de Ce 1598 UR -tri NE Ar Le  
+ JAPAN: Tokugawa Shogunate restored (to 1868) on death of Hideyoshi; Ieyasu shogun (1598-1605)
- 1599 FRANCE: reforms of economy, taxation, trade and farming by minister Duke of Sully 1599 UR -tri NE Ar Le 1599 UR Ta  
+ BRITAIN: Globe Theatre built; Shakespeare's "Julius Caesar", "As You Like It", "Twelfth Night" 1599 Sa OPPN UR Li Ar  
+ BRITAIN: James VI of Scotland writes against witchcraft & on divine right of kings 1599 Sa OPPN PL Li Ar  
+ \* C ASIA: Khanate of Bokhara (Samarkand-Tashkent, 1598-1785); end of Uzbek Khanate (1447-1598)



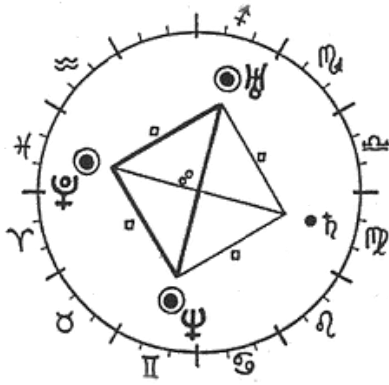
**Uranus square Neptune 1525-28**

Babur conquers NW India & Delhi, founding Mughal empire; rise of Habsburg Austro-Hungarian empire, resisting the Ottomans & protecting Europe; Ottoman zenith in Istanbul; birth of Prussia (north Germany); Rome sacked by Germans; end of the High Renaissance; zenith of the Inca empire, Peru; Conquistadors conquer the Aztecs & Mayans; rise of Sweden as a Euro power (Gustav Vasa)



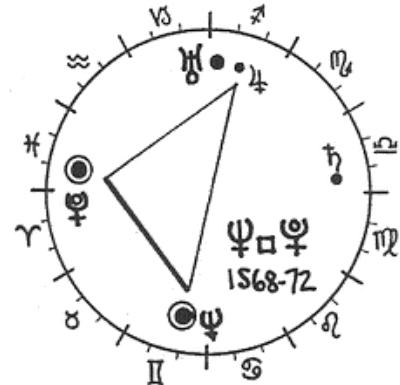
**Uranus opposition Pluto 1538-40**

Conquistadors end the Mayan Aztec & Inca empires; English Henry VIII breaks with Rome; Luther & the Reformation; early Euro colonies in Americas; zenith of Spanish wealth & power; Council of Trent - Counter-Reformation; Catholic Inquisition; Portuguese reach China & Japan; England formally takes Ireland & Wales; peak of Ottoman military power; Nostradamus; Jesuit missions in Asia

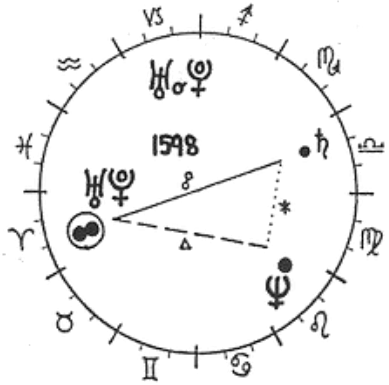


**Uranus opposition Neptune 1563-66**

Elizabeth I, England (cultural upswing); Akbar the Great, Mughal India (Mughal greatness); Protestant-Catholic rivalry (Puritans & Huguenots), social & religious rebellions, Europe; beginning of long, slow Ottoman decline; Nobunaga coup & shogunate, unifying & modernising Japan (opened to foreigners); English expansion overseas (Sir Francis Drake); European early colonial expansion; Boyar revolt against Ivan the Terrible, Russia; Dutch revolt begins against Spain; death of millions of indigenous people by typhoid fever introduced by Europeans, Americas; zenith of Saharan Kanem-Bornu; Spaniards occupy Philippines; expansion of Ottomans in the Balkans; fall of Vijayanagar to Mughals, S India



**Neptune square Pluto 1568-72**



**Uranus conjunct Pluto 1598**

English N American colonies; Dutch republic; end of kgdm of Songhai (Mali); Ottoman Turks attack Vienna (fails); Spanish colonial wealth; Tokugawa Restoration, Japan; Khanate of Bokhara; English & Dutch East India Companies (first multinational corporations), Dutch colonise Indonesia, rise of English trading primacy; early scientists at work, Europe (Kepler, Galileo, Bacon); troubles in Russia (Boris Gudunov)

- |   |                       |            |
|---|-----------------------|------------|
| 1600 W EUROPE: foundation of English & Dutch (1602) East India Companies (opening Eastern contacts)               | 1600 Sa OPPN UR Li Ar | 1600 UR Ta |
| + * W AFRICA: Oyo & Benin forest states (Nigeria) at height of their development                                  | 1600 Sa OPPN PL Li Ar |            |
| + JAPAN: Tokugawa Ieyasu consolidates power, moves capital to Tokyo, starts Tokugawa period                       |                       |            |
| + N EUROPE: persecution of Catholics in Sweden under Karl IX (1599-1611)  |                       |            |
| 1601 BENELUX: Austrians beseige Oostende, successful by 1604  | 1601 Sa OPPN UR Sc Ta | 1601 NE Vi |
| + BRITAIN: Elizabeth I's 'Golden Speech', about achievements of her reign; monopolies abolished                   |                       |            |
| + E EUROPE: 'False Dmitri' in Poland, gains support for invasion of Russia  |                       |            |
| + INNOVN: Dutch invent telescope; Brahe & Kepler work in Prague; Gilbert on electr'y & magnetism                  |                       |            |
| 1602 SE ASIA: English est trading station at Bantam, Java (spice trade); * World: 50% of world known to Europeans |                       | 1602 NE Vi |
| + EUROPE: Dutch East India Co founded, Amsterdam, occupies HQ at Batavia, Java, 1619                              |                       |            |
| + IRELAND: Spanish army surrenders to English at Kinsale, after attempted invasion of Ireland                     |                       |            |
| + INNOVN: Brahe's Star Catalog; Galileo researches laws of gravitation & oscillation                              |                       |            |
| + AUSTRIA: Rudolf II suppresses meetings of Protestant Moravian Brethren  |                       |            |
| 1603 MIDEAST: 2nd Long War between Ottomans and Safavid Persia (1603-19); costly Ottoman conquests                |                       |            |
| + BRITAIN: death of Elizabeth I; James I of Scotland becomes king of England (1603-25); STUART DYNASTY            |                       |            |
| + AUSTRIA: revolts in Transylvania against Rudolf II  |                       |            |
| + BRITAIN: serious outbreak of plague in England  |                       |            |
| 1604 RUSSIA: "False Dmitri", claimant to throne defeated by Boris Gudunov – Russia's 'time of troubles' 1604-13   |                       |            |
| + W EUROPE: Peace signed between England & Spain; trade treaty between England & France                           |                       |            |
| + MIDEAST: Turks lose Tabriz to Persia  |                       |            |
| + INNOVN: Kepler's "Optics"   |                       |            |
| 1605 RUSSIA: Boris Gudunov dies; 'False Dmitri' takes throne, killed, succession problems                         |                       |            |
| + INDIA: Jahangir, Moghul emperor (1605-27)   |                       |            |

+ BRITAIN: Gunpowder Plot; (Guy Fawkes and friends attempt to blow up King & Parliament)		
+ JAPAN: Tokugawa Hidetada (Shogun 1605-23) succeeds Shogun Ieyasu		
1606 E EUROPE: Peace of Zsitva-Torok, between Austria & Ottomans	1606 UR +ssx PL Ge Ta	1606 UR Ge
+ FRANCE: large-scale program of road-building & public works embarked upon		
+ * ARTS: Monteverdi (1587-1643) at work establishing opera as an art form		
+ S AMERICA: Jesuits establish a state in Paraguay		
1607 N AMERICA: first permanent English settlement in N America at Jamestown, Virginia	1607 HALLEY'S COMET	1607 UR Ge
+ IRELAND: O'Dogherty rebellion, several Irish nobles flee to Spain fearing arrest for revolt	1607 UR +ssx PL Ge Ta	1607 PL Ta
+ BRITAIN: proposed union of England & Scotland rejected by Parliament	1607 NE +sqt PL Vi Ar	
+ EUROPE: national bankruptcy in Spain causes failure of Bank of Genoa		
1608 N AMERICA: French colonists (Champlain) found New France – Quebec & St Lawrence	1608 NE +sqt PL Vi Ar	1608 PL Ta
+ IRELAND: O'Dogherty rebellion against English loses steam		
+ GERMANY: Protestant Union formed between Prot states in Rhineland		
+ BENELUX: first use of cheques in Holland		
1609 BENELUX: independence of the Dutch Republic; 12 years truce between Spain & Holland	1609 NE +sqt PL Vi Ta	
+ GERMANY: Catholic League founded, in answer to arising of Protestant Union		
+ AUSTRIA: Rudolf II permits freedom of worship in Bohemia		
+ EUROPE: Dutch East India Co brings tea to Europe from China		
1610 * EUROPE: SCIENTIFIC REVOLUTION begins: Kepler, Bacon, Galileo, Descartes (1596-1663)	1610 UR on N Node	
+ FRANCE: Henry IV assassinated; Louis XIII king at age 9, Maria de Medici regent	1610 NE +sqt PL Vi Ta	
+ INNOVN: Galileo finds Jupiter's moons; Harriott discovers sunspots; Speed's maps of Britain		
+ N AMERICA: Hudson explores Delaware, Hudson River (NY) and Hudson's Bay		
1611 BRITAIN: Parliament dissolved by James I	<b>1611 UR -SQR NE Ge Vi</b>	
+ N EUROPE: Denmark & Sweden at war, to 1613	1611 UR +ssq PL Ge Ta	
+ EUROPE: Gustav II Adolphus king of Sweden (1611-32), Axel Oxenstjerna becomes chancellor		
+ BRITAIN: King James' Bible published; JAPAN: major earthquakes		
+ SE ASIA: Champa (S Vietnam) absorbed by Cochinchina (C Vietnam)		
1612 S ASIA: Dutch sign peace & trading treaty with the king of Kandy, Ceylon	<b>1612 UR -SQR NE Ge Vi</b>	
+ BRITAIN: last recorded burning of heretics in England	1612 UR +ssq PL Ge Ta	
+ * EUROPE: philosophers Jakob Boehme, Henry More, Francis Bacon, Francisco Suarez at work		
+ N AMERICA: Virginians plant tobacco, colonise Bermudas, stop French in Maryland & Nova Scotia		
1613 RUSSIA: Czar Mikael I, first of Romanov dynasty (to 1917), elected after succession troubles	<b>1613 UR -SQR NE Ge Vi</b>	1613 UR Cn
+ SE ASIA: Sultan Agung of Mataram (1613-46), Javanese ruler resists Dutch incursions	1613 Sa OPPN NE Pi Vi	
+ W EUROPE: German Protestant Union agrees alliance with Holland		
+ C EUROPE: Turks assault Hungary; peace 1615		
1614 BRITAIN: James I's second ('Addled') Parliament dissolves, refusing to discuss royal finances	<b>1614 UR -SQR NE Ge Vi</b>	1614 UR Cn
+ FRANCE: States General called by regent Maria to restrict powers of nobility	1614 Sa OPPN NE Pi Vi	1614 NE Li
+ N EUROPE: Gustavus Adolphus starts Swedish expansion by capturing Novgorod, Russia		
+ INNOVN: Napier's logarithms		
1615 W EUROPE: Habsburg (Austria-Spain) & Bourbon (France) dynasties unite through two marriages		1615 NE Li
+ ASIA: Portuguese losses: Dutch take Moluccas, English win naval battle off Bombay		
+ ITALY: Galileo called to account to the Inquisition; prohibited from scientific work 1616		
+ E ASIA: Nurhachi becomes leader of Jurchen/Manchu peoples (beginning of Manchu ascendancy)		
1616 W EUROPE: rise to ministerial power of Richelieu (France) & Francis Bacon (England)	1616 Sa CONJ PL Ta Ta	
+ E ASIA: anti-Christian Hidetada Shogun in Japan; Manchu/Jurchen Tatars attack China (to 1620)		
+ EUROPE: Venice and Austria at war, ends 1618		
+ BRITAIN: James I near bankruptcy, sells peerages to earn money; visits Scotland 1617		
1617 N EUROPE: Swedes return Novgorod, receive Livonia, recognise Czar Mikael	1617 Sa CONJ PL Ta Ta	
+ S AMERICA: Sir Walter Raleigh reaches Orinoco river, in search of El Dorado gold sources		
+ INNOVN: Snellius' Law of Reflection of light; Harvey works on circulation of the blood		
+ MIDEAST: Ottomans lose Azerbaijan, Georgia, temporarily Baghdad & Mosul, in war with Persia		
1618 EUROPE: outbreak of Thirty Years War, over Habsburg succession & religious issues	1618 PL Aphn 10Ta	
+ AUSTRIA: Ferdinand II defeats Bohemian Prot revolt (with gold & troops from Spain & Germany)		
+ EUROPE: Sir Walter Raleigh executed; Richelieu exiled		
+ INNOVN: Kepler states his third law of planetary motion		
1619 SE ASIA: foundation of Batavia (Jakarta) by Dutch: beginning of Dutch East Indies	1619 NE +qcx PL Li Ta	
+ FRANCE: succession challenges, Richelieu saves Louis XIII, beating Maria de Medici		
+ AUSTRIA: election of Archduke Ferdinand II HRE (1620-37); opposition in Bohemia		
+ N AMERICA: first colonial assembly at Jamestown, Virginia		
1620 N AMERICA: puritan Pilgrim Fathers land at Plymouth, Massachusetts; English settle Maine 1622	1620 NE +qcx PL Li Ta	1620 UR Le
+ INNOVN: first weekly newspapers in Europe (Mainz & Amsterdam)		



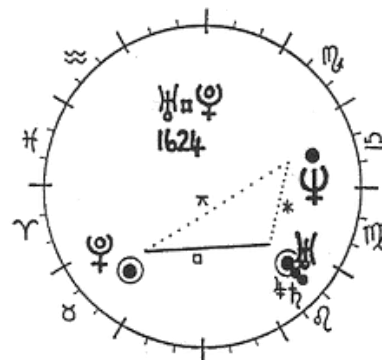
+ GERMANY: Agreement of Ulm between Protestant Union & Catholic League		
+ C EUROPE: Catholic League beats Bohemians, revolt suppressed; Bohemian Prot clergy exiled		
1621 EUROPE: 30 Yrs War switches from Bohemia to Palatinate; war between Holland & Spain	1621 NE +qcx PL Li Ta	1621 UR Le
+ FRANCE: Huguenot rebellion against Louis XIII & Richelieu; ends 1622 with treaty		
+ N AMERICA: new colonial laws for Virginia, new gov'nr Wyatt; Eng occupies N Scotia & Nfldland		
+ BRITAIN: Francis Bacon charged with corruption, later pardoned		
1622 GERMANY: Catholics gain the upper hand over Protestants in Thirty Years' War	1622 NE +qcx PL Li Ta	
+ ASIA: English capture Hormuz from Portuguese (giving access to Persian Gulf)		
+ ROME: Pope Gregorius XV adopts January 1st as New Year (previously March 25th)		
+ * EUROPE: Rubens, Van Dyck, Rembrandt (still young), Brueghel the Elder, Inigo Jones at work		
1623 SE ASIA: Dutch massacre English traders at Amboina, Moluccas	<b>1623 UR +SQR PL</b> Le Ta	
+ GERMANY: Cath League occupy Westphalia & Lr Saxony; punishm't of Bohemia, forced Catholicis'n	1623 Sa CONJ UR Le Le	
+ N EUROPE: Gustavus Adolphus reforms Swedish government	1623 NE +qcx PL Li Ta	
+ PERSIA: Shah Abbas I conquers Baghdad		
1624 N AMERICA: Virginia becomes an English crown colony; British settlement of Caribbean begins	<b>1624 UR +SQR PL</b> Le Ta	
+ C EUROPE: rise of Albrecht von Wallenstein; becomes rich by land dealings, lends army to Caths	1624 UR -sxt NE Le Li	
+ N AMERICA: Dutch colonies formally organised as New Netherlands; New Amsterdam (NY) settled	1624 Sa CONJ UR Le Le	
+ * EUROPE: costs of Thirty Years War to royalty & plundered peoples enormous & destructive		
+ E ASIA: Dutch occupy Taiwan (previously independent, taken by Ching China 1683)		
1625 N AMERICA: Dutch settle New Amsterdam (New York); harass Spanish ships in Atlantic	1625 UR -sxt NE Le Li	
+ CHINA: Manchu Ch'ing expansion in Manchuria, cap Mukden		
+ BRITAIN: Charles I, king of England & Scotland (1625-49); plague in London		
+ GERMANY: Catholic mercenary army under Tilly occupies Lr Saxony, beats Danes 1626		
1626 GERMANY: Wallenstein defeats Prots, pushes them to Silesia & Hungary; masters N Germany	1626 UR -sxt NE Le Li	1626 UR Vi
+ N AMERICA: Dutch buy and settle Manhattan from local Indians for \$25, renamed New Amsterdam		
+ FRANCE: Richelieu becomes a virtual dictator of France; Huguenot rising in La Rochelle		
+ ITALY: Naples destroyed (again) by earthquake, 70,000 die		
1627 CHINA: peasant rebellions against Ming dynasty: major crop failures; Manchus take power in Korea		1627 UR Vi
+ INDIA: Shahjahan (1627-56), expands Mughal system & lands; Maratha Sivaji (1627-80) king in South		
+ EUROPE: Cath forces occupy N Germany & Jutland; embattled Danes move to Zeeland		
+ W AFRICA: Portuguese destroy the Mwenemutapa empire		1628 NE Sc
+ BRITAIN: rebellion in Somerset; rebellion in Fenland 1630; Cromwell becomes an MP		
+ * EUROPE: philosophers John Donne & Rene Descartes at work		
+ EUROPE: fortunes change for Wallenstein & Catholics; Sweden joins war, allied with Denmark		
1629 N AMERICA: English found Massachusetts Bay colony, storm Quebec (beg Eng-Fr American rivalry)	1629 Sa CONJ NE Sc Sc	1629 NE Sc
+ PERSIA: death of Safavid Abbas I starts period of confusion and decline in Persia		
+ GERMANY: HRE defeats German Protestants; Edict of Restitution returns church land to church		
+ BRITAIN: Charles I dissolves Parliament (not to meet again until 1640)		
1630 * BENELUX: height of artistic culture in Netherlands: Hals, Rembrandt, Vermeer, Reubens	1630 Sa CONJ NE Sc Sc	
+ ATLANTIC: Dutch seize Portuguese bases in W Africa, Angola & Brazil (cutting Port trade)		
+ ARTS: HIGH BAROQUE PERIOD 1630-80: Monteverdi, Torelli, Frescobaldi; opera, aria, overture		
+ GERMANY: fall of Wallenstein; Prot Swedes under G Adolphus enter Germany; fortunes turn in war		
1631 GERMANY: Swedes aid German Protestants, beating Caths at Breitenfeld, takes Wurzburg & Mainz	1631 Sa OPPN PL Sc Ta	
+ FRANCE: Maria de Medici, exiled to Bruxelles, undertakes to fell Richelieu	1631 UR -ssq NE Vi Sc	
+ ITALY: eruption of Mt Vesuvius, earthquake in Naples		
+ INDIA: famines & floods kill 100,000 in N India		
+ SE ASIA: Sultanate of Macassar at its zenith (1631-60, E Indonesia, Celebes, Moluccas, rich from spice trade)		
1632 N AMERICA: English claim Maryland; settle St Kitts (Leeward Is); Dutch settle Delaware	1632 UR +tri PL Vi Ta	
+ GERMANY: Swedes take Nurnberg, defeat Caths at Lech & Luetzen; Gustav Adolphus & Tilly killed	1632 Sa OPPN PL Sc Ta	
+ INDIA: Portuguese driven out of Bengal by Moghul Shahjahan; Moghul invasion of Deccan (C India)	1632 UR -ssq NE Vi Sc	
+ N EUROPE: Kristina, queen of Sweden (1632-54); regency of Axel Oxenstjerna		
1633 GERMANY: reinstated Wallenstein takes Silesia, beats Swedes, winters in Bohemia		1633 UR Li
+ FRANCE: French army occupies Lorraine (for strategic & religious purposes)		
+ BRITAIN: trial of the Pendle witches; postal service reformed; Covent Garden Market opened		
+ ITALY: Galileo forced by Inquisition to oppose Copernican heliocentric theories		
1634 * C AMERICA: Eng & France occupy various Caribbean is, Dutch Curacao (plantations & trade)		
+ EUROPE: Bt of Nordlingen, Cath victory; Wurttemberg & Franconia retaken; Wallenstein killed		
+ E EUROPE: Poland renounces claim to Russian throne; truce with Sweden 1635		
+ INDIA: English settle Cochin, Malabar, and open trading station in Bengal		

- 1635 EUROPE: Peace of Prague between Austria & Prot Saxony; alliance of France & Sweden vs Austria 1635 UR +sq PL Li Ta  
 + N AMERICA: colonisation of Connecticut, from Mass; Council of New England dissolved  
 + BENELUX: Dutch occupy Taiwan, Virgin Is (English), Martinique (French)  
 + \* JAPAN: persecution of Christians; Japanese forbidden to travel abroad; Japan prosperous
- 1636 N AMERICA: Harvard College founded near Boston, first university in N America 1636 UR -ssx NE Li Sc  
 + CHINA: increasing rebellions against Ming in NW, NE (by Manchu Ch'ing) & C China 1636 UR +sq PL Li Ta  
 + GERMANY: Swedes beat Saxony at Wittstock; Austria withdraws from Burgundy  
 + N AMERICA: banished from Mass, Puritans settle Providence, RI, seeking religious freedom
- 1637 E ASIA: Manchu Ch'ing dynasty invades Korea & Inner Mongolia; Russians reach Pacific coast in Siberia 1637 UR -ssx NE Li Sc  
 + AUSTRIA: Ferdinand III, HRE (1637-57) (general will to peace grows)  
 + INNOVN: Hobbes' "Rhetorique"; Descartes' "Geometrie"; 1638 Galileo's "Mathematical Discourses"  
 + BRITAIN: new liturgy in Scotland provokes riots
- 1638 N AMERICA: English colonise Connecticut, Swedes Delaware 1638 PL Ge  
 + MIDEAST: Ottomans re-take Baghdad from Persia  
 + BRITAIN: Scots sign Scottish Covenant; Charles I backtracks from it  
 + GERMANY: Elector of Brandenburg removes capital to Koenigsberg, Prussia
- 1639 FRANCE: revolt in Normandy; Jules Mazarin enters service of Richelieu 1639 UR +qcx PL Sc Ge 1639 PL Ge  
 + RUSSIA: Russian Cossacks cross Urals to reach Okhotsk, colonising Siberian riversides 1639 UR Sc  
 + C EUROPE: Swedish army at Prague, living off peasants; withdraw 1640  
 + INDIA: English settle Madras; Dutch settle in Ceylon
- 1640 AFRICA: Portuguese re-take Angola from Dutch; IBERIA: Portugal becomes independent of Spain 1640 UR +qcx PL Sc Ge 1640 PL Ge  
 + BRITAIN: Parliament meets again; Covenanters beat Charles at Tyneside; Charles I buys peace 1640 UR Sc  
 + \* OTTOMANS: on death of Murad IV, Ottoman empire declines in wealth, modernity and political unity  
 + GERMANY: Frederick William, Great Elector of Brandenburg (1640-88) (prelude to Prussian state)
- 1641 SE ASIA: Dutch capture Malacca from the Portuguese (for control of East India trade)  
 + CHINA: rival post-Ming regimes set up in N & C China (1641-45) by Li Zucheng & Zhang Xianzhong  
 + IRELAND: Kilkenny Catholic rebellion (to 1649); massacre of Catholics by Protestants in Ulster  
 + INNOVN: cotton products start to be made in Manchester (seed of industrial revolution)  
 + N AMERICA: code of laws estd in Massachusetts; French settle in Michigan, found Montreal 1642
- 1642 BRITAIN: ENGLISH CIVIL WAR BEGINS; Parliament raises army against king, in defence of rights 1642 NE Sg  
 + BRITAIN: income & property taxes introduced; Puritan ascendancy; theatres closed until 1660  
 + EUROPE: Cath Austrian Imperial army defeated in three battles in Thirty Years War  
 + OCEANIA: Dutch Tasman visits Tasmania & New Zealand; AFRICA: Portuguese cede Gold Coast to Dutch
- 1643 EUROPE: Prot victs at Rocroi & Jankow (1646) (settling Euro religious & political differences) 1643 NE Sg  
 + FRANCE: Louis XIV, king of France (1643-1715) age 5; Anne of Austria regent; Mazarin remains  
 + N AMERICA: New England Confederation of Connecticut, New Haven, Plymouth, Massachusetts Bay  
 + INNOVN: Torricelli (Italy) invents barometer; Pascal invents an adding machine
- 1644 CHINA: rebel Li Tzu-cheng captures Beijing; Ming Dynasty ends; Manchus invade N China & Beijing 1644 NE OPPN PL Sg Ge  
 + CHINA: MANCHUS FOUND CH'ING DYNASTY in N China (covering all China by 1652)  
 + GERMANY: French occupy Rhineland; BRITAIN: Parliament overcoming Royalists (except in SW England)  
 + \* C ASIA: ZENITH IN TIBET: Potala, Dalai Lama's residence at Lhasa, Tibet, being built



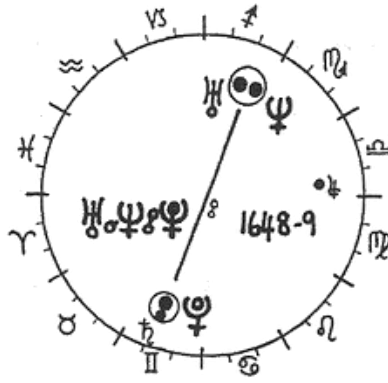
**Uranus square Neptune 1612-13**

Swedish ascendancy & Baltic expansion; Pilgrim Fathers - growth of American colonies; start of Thirty Years' War; scientific revolution; Virginians plant tobacco; tea brought to Europe; unification of Vietnam



**Uranus square Pluto 1624**

Mughal expansion, India; Counter-Reformation wars, Europe; Dutch art, trade & colonial expansion; enormous destruction in Thirty Years' War; British occupy Caribbean; rise of Manchu Ch'ing in Manchuria; England & Scotland unified (Charles I); rebellions against Ming dynasty, China



**Neptune opposition Pluto, 1644-48**  
**Uranus conjunct Neptune 1650**  
**Uranus opposition Pluto 1648-49**

European High Baroque period; Manchu Ch'ing dynasty takes power, China; Protestant gains, end of Thirty Years' War (Germany destroyed); Fronde Rebellion, France; Swedish zenith, controlling Baltic lands; English Civil War (Cromwell, war & repression in Wales & Ireland, massacre of Catholics in Ulster); peak of Mughal empire, India (Shahjahan, Taj Mahal built); Cape Colony founded by Dutch; classical French aristocratic period; cotton products manufactured in Manchester (seed of industrial revolution); age of engineers, inventors, philosophers & scientists takes off; zenith in Tibet (building of Potala); Jewish messianic movement of Shabtai Zvi, Turkey; beginning of friction between colonists & native Americans, N America

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Astro-historical tables for 2,500 years