



Astro-historical timeline 2:

## Later Ancient Period

Waning Neptune-Pluto hemicycle 334-83 BCE

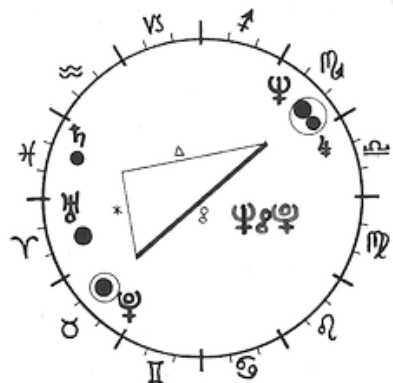
Key:

\* = a period of change or a general trend

? = an uncertain date

-334	GREECE: Alexander's campaign of invasion (334-323) starts (Persia defeated 333, subdued 328)	-334 UR +qcx NE Ar Sc	
-		<b>-333 NE OPPN PL</b> Sc Ta	
-333	CHINA: expansion of the state of Ch'u, annexing Yueh (Period of Warring States)	-333 UR +qcx NE Ar Sc	
-		-333 UR -ssx PL Ar Ta	
-332	MIDEAST: Alexander invades Syria, Babylon, Palestine & Egypt	<b>-332 NE OPPN PL</b> Sc Ta	
-		-332 UR +qcx NE Ar Sc	
-331		-332 UR -ssx PL Ar Ta	
-		<b>-331 NE OPPN PL</b> Sc Ta	
-330	MIDEAST: ALEXANDRIAN EMPIRE ESTABLISHED (capital at Babylon; Spartans revolt)	<b>-330 NE OPPN PL</b> Sc Ta	
-			
-329		<b>-329 NE OPPN PL</b> Sc Ta	
-			
-328	CHINA: CH'IN (QIN) DYNASTY GAIN CONTROL OF NW CHINA (becoming masters of China by 221)	<b>-328 NE OPPN PL</b> Sc Ta	-328 UR Ta
-			
-327	INDIA: Alexander invades NW India (327-325) (fuelled by idea of world domination)	-327 Sa CONJ UR Ta Ta	-327 UR Ta
-			
-326	ITALY: second Samnite War (326-04) in Italy (growth of Roman power & territories)	-326 Sa OPPN NE Ta Sc	
-		-326 Sa CONJ PL Ta Ta	
-325	INDIA: Chandragupta Maurya (a young adventurer, later emperor) meets up with Alexander	-325 Sa OPPN NE Ta Sc	
-	* S AMERICA: rise of TUMACO CULTURE (mountain Colombia, goldworking, Spanish 'El Dorado')		
-324	MIDEAST: integration of Alexandrian Empire (law, intermarriage, cities, economic growth)		
-			
-323	MIDEAST: Alexander the Great dies (age 33): DIADOCHI WARS (323-301) between his successors	<b>-323 UR CONJ PL</b> Ta Ta	-323 NE Sg
-			
-322	CHINA: Mencius teaches that popular welfare be the condition of royal authority in N China		-322 NE Sg
-			
-321	* N AFRICA: Alexandria becomes centre of Greek, Jewish & ancient learning	<b>-321 UR OPPN NE</b> Ge Sg	-321 UR Ge
-			
-320	* MIDEAST: Diadochi kgdms: Seleucid (Syria-Persia), Ptolemaic (Egypt), Antigonid (Greece)	<b>-320 UR OPPN NE</b> Ge Sg	-320 UR Ge
-			
-319	GREECE: autonomy restored to Grecian cities under Macedonian Antigonids	<b>-319 UR OPPN NE</b> Ge Sg	
-			
-318	INDIA: CHANDRAGUPTA MAURYA founds MAURYAN DYNASTY (reconquers N India after Greeks)	<b>-318 UR OPPN NE</b> Ge Sg	
-			
-317	MIDEAST: Ardvates (317-284) creates independent Armenia (previously Alexandrian & Persian)	<b>-317 UR OPPN NE</b> Ge Sg	
-			
-316	GREECE: Thebes rebuilt after destruction in -335 by Alexander (purge of Alexandrian influence)		
-			
-315	ITALY: enlightened rule of Agathocles of Syracuse (317-310)		-315 PL Ge
-			
-314	MIDEAST: Seleucids take over Palestine	-314 UR +ssx PL Cn Ge	-314 PL Ge
-			-314 UR Cn
-313			-313 PL Ge

-			
-312	MIDEAST: beginning of Seleucid era (first continuous historical dating system)		
-			
-311	ROME: beginning of great roadbuilding & construction: Appian Way & viaduct		
-			
-310		-310 UR +ssq PL Cn Ge	
-		-310 Sa OPPN PL Sg Ge	
-309			-309 NE Cp
-			
-308		-308 UR -qcx NE Le Cp	-308 UR Le
-			
-307	GREECE: democracy restored in Athens	-307 UR -qcx NE Le Cp	-307 UR Le
-	CHINA: military ascendancy of state of Chao (through adoption of Tatar culture & techniques)	-307 Sa CONJ NE Cp Ge	
-306	N AFRICA: building of Library & Museum at Alexandria (under Ptolemy Soter, Greek historian/general)	-306 UR -qcx NE Le Cp	
-			
-305		-305 UR -qcx NE Le Cp	
-		-305 NE -qcx PL Cp Ge	
-304	N AFRICA: Greek PTOLEMAIC DYNASTY (304- 30BCE) in Egypt by Ptolemy Soter	-304 Sa OPPN UR Aq Le	
-		-304 NE -qcx PL Cp Ge	
-303	INDIA: Chandragupta Maurya beats Seleucus Nicator, gaining NW India from Greeks	-303 Sa OPPN UR Aq Le	
-		-303 NE -qcx PL Cp Ge	
-302		-302 UR -sqt NE Le Cp	-302 UR Vi
-		-302 NE -qcx PL Cp Ge	
-301	MIDEAST: Bt of Ipsus (in Phrygia) settles most disputes between Diadochi (Successors)	-301 UR -sqt NE Vi Cp	-301 UR Vi
-	N AFRICA: Ptolemy I founds the Museum of Alexandria	-301 NE -qcx PL Cp Ge	



**Neptune opposition Pluto 333-332 BCE**

Zenith of Chinese philosophy; founding of Mayan city-states; Alexander the Great takes Greece, dramatic invasion of Near East; coinage used in Rome, Roman expansion; expansion of Ch'u, rise of Qin dynasty, China.



**Uranus conjunct Pluto 323 BCE  
Uranus opposition Neptune 321-17 BCE**

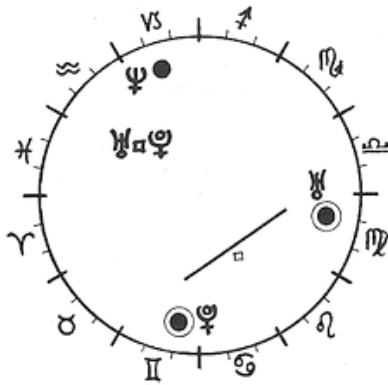
End of Alexander's empire, kgdms of the Diadochi (successors); rise of Mauryan dynasty (India); rise of Tumaco culture (Colombia); Mencius, philosopher; independence of Armenia

-300	? IDEAS: Euclid's works on geometry	-300 UR -sqt NE Vi Cp	
-	* S AMERICA: downfall of Chorrera culture (Equador)		
-299	* AMERICAS: Sun Temple at Teotihuacan, Mexico, built	-299 UR -sqt NE Vi Cp	
-	* C ASIA: Sarmatians (from Siberia) conquer the Ukrainian Scythians		
-298		<b>-298 UR +SQR PL Vi Ge</b>	
-			
-297	* CHINA: Meng-Tzu (Mencius, 373-288) at work (philosophical successor to Confucius)	<b>-297 UR +SQR PL Vi Ge</b>	
-			
-296		-296 UR -tri NE Vi Cp	-296 UR Li
-			
-295		-295 UR -tri NE Vi Cp	-295 UR Li
-			-295 NE Aq
-294		-294 UR -tri NE Li Aq	
-		-294 Sa CONJ PL Ge Ge	
-293	ITALY: third Samnite war; Etruscans & Samnites subjected to Roman domination	-293 UR -tri NE Li Aq	
-			

-292			
-			
-291		-291 Sa OPPN NE Le Aq	
-			
-290		-290 Sa OPPN NE Le Aq	-290 PL Cn
-			
-289	IDEAS: Zeno of Citium (336-263), founder of Stoicism (beginning of humanism & idealism)	-289 NE -sqt PL Aq Ge	-289 PL Cn
-			-289 UR Sc
-288	ITALY: Romans defeated by the Celts at Bt of Arretium (turning point for Romans)	-288 UR +tri PL Sc Cn	-288 UR Sc
-		-288 NE -sqt PL Aq Cn	
-287	ROME: Plebeians granted equality before law with Patricians (cosmopolitan social changes)	-287 UR +tri PL Sc Cn	
-		-287 NE -sqt PL Aq Cn	
-286		-286 NE -sqt PL Aq Cn	
-			
-285		-285 NE -sqt PL Aq Cn	
-			
-284		-284 NE -sqt PL Aq Cn	
-			
-283	MED'N: Corsica taken by Romans (beginning of intentional expansion overseas)	<b>-283 UR -SQR NE Sc Aq</b>	
-		-283 UR +sqt PL Sc Cn	
-282	ITALY: Roman domination of Central Italy secured (after campaigns against Samnites & Celts)	-282 UR -SQR NE Sc Aq	-282 NE Pi
-		-282 UR +sqt PL Sc Cn	-282 UR Sg
-281	IDEAS: Aristarchus of Samos (320-250), astronomer (heliocentric universe, rotation of earth)	<b>-281 UR -SQR NE Sg Pi</b>	-281 NE Pi
-		-281 Sa CONJ UR Sg Sg	-281 UR Sg
-280	MIDEAST: est of kingdom of Pontus (280-047BCE) on Black Sea & Bosporus	<b>-280 UR -SQR NE Sg Pi</b>	
-			
-279	MIDEAST: incursion of Celts in Greece & Asia Minor, est kgdm of Galatia (278-074BCE) in Anatolia		
-			
-278	* GREECE: gradual decline (278-145) of Greece as a world force (loss of purpose)		
-			
-277		-277 UR +qcx PL Sg Cn	
-			
-276		-276 UR +qcx PL Sg Cn	
-		-276 Sa OPPN PL Cp Cn	
-275	MED'N: Colossus (Rhodos) and Pharos (lighthouse at Alexandria) completed		
-			
-274			-274 UR Cp
-			
-273			
-			
-272	ITALY: ROMAN DOMINATION OF ITALY (after defeat of Tarentum & Pyrrhus in S Italy)		
-			
-271		-271 Sa CONJ NE Pi Pi	-271 PL Le
-			
-270	IDEAS: Aristarchus of Samos proposes a heliocentric universe (Earth orbits the Sun)		-270 PL Le
-			
-269			
-			
-268	GREECE: Antigonus II takes Athens (frees it in -255)		-268 NE Ar
-	* INDIA: ASOKA, MAURYAN EMPEROR (268-233, at first warlike, later benevolent & exemplary)		
-267			-267 NE Ar
-			-267 UR Aq
-266			-266 UR Aq
-			
-265	ROME: Greek prisoners of war convey medical and other knowledge to Romans	-265 UR -sxt NE Aq Ar	
-			
-264	MED'N: first Punic War (-264-241) Rome v Carthage (struggle to control Mediterranean starts in Sicily)	<b>-264 UR OPPN PL</b> Aq Le	
-		-264 UR -sxt NE Aq Ar	
-263		<b>-263 UR OPPN PL</b> Aq Le	
-			
-262	GREECE: Athens becomes independent from Macedon (cultural centre but not economically great)	<b>-262 UR OPPN PL</b> Aq Le	

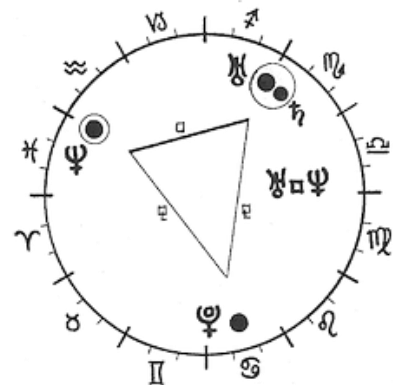
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-261		<b>-261 UR OPPN PL</b> Aq Le	
-		-261 Sa OPPN UR Le Aq	
-260	INDIA: Asoka crushes last major opponent (converts to Buddhism shortly afterwards)	-261 Sa CONJ PL Le Le	
-		-260 Sa OPPN UR Le Aq	
-259		-260 Sa CONJ PL Le Le	-259 UR Pi
-		-259 Sa OPPN UR Vi Pi	
-258			
-			
-257			-257 PL Vi
-			
-256		-256 UR -ssq NE Pi Ar	-256 PL Vi
-			
-255		-255 Sa OPPN NE Li Ar	-255 NE Ta
-			
-254		-254 Sa OPPN NE Sc Ta	-254 NE Ta
-			
-253			
-			
-252			-252 UR Ar
-			
-251	ASIA: Asoka sends Buddhist missions to C Asia, Syria, Egypt, Greece, Burma & Sri Lanka		-251 UR Ar
-			
-250	* CHINA: humanitarian Hsun-Tzu encourages education, legalist conduct & conformity in Ch'in		
-			
-249	* INNOVN: parchment produced at Pergamum, Anatolia		
-			
-248		-248 UR -ssx NE Ar Ta	
-			
-247	PERSIA: est of independent feudal kgdm of Parthia in Transoxiana, by Arsaces I	-247 UR -ssx NE Ar Ta	
-			
-246	CHINA: Shih Huang-Ti takes Ch'in throne (with Legalist minister Li Ssu & general Meng T'ien)		
-			
-245		-245 UR -qcx PL Ar Vi	-245 PL Li
-			
-244		-244 UR -qcx PL Ta Li	-244 PL Li
-			-244 UR Ta
-243	GREECE: Agis IV of Sparta attempts to set up early communistic reforms (243-1, see also 227)	-243 UR -qcx PL Ta Li	-243 UR Ta
-			
-242		-242 UR -qcx PL Ta Li	-242 NE Ge
-			
-241		-241 Sa OPPN PL Ar Li	-241 NE Ge
-		-241 UR -qcx PL Ta Li	
-240	* C ASIA: Bactrian Greeks break away from Seleucids (forming Graeco-Turkic culture in Afghanistan)	-240 HALLEY'S COMET	
-		-240 Sa OPPN PL Ar Li	
-239	INNOVN: first record of Halley's Comet (China)	-239 PL Peri 13Li	
-	C ASIA: Bactrian Greeks (Afghanistan-NW India) break away from Seleucids (Persia-Syria)		
-238	MED'N: Rome takes Sardinia and Corsica from Carthage; Carthage colonises S Spain		
-			
-237		-237 Sa CONJ UR Ge Ge	-237 UR Ge
-		-237 UR -sqt PL Ge Li	
-236	GREECE: war between Sparta & Achaean League	-236UR -sqt PL Ge Li	
-		-236 Sa CONJ NE Ge Ge	
-235	IDEAS: Eratosthenes calculates the Earth's circumference	-235 UR -sqt PL Ge Li	
-			
-234		-234 UR -sqt PL Ge Li	-234 PL Sc
-			
-233	CHINA: end of classical period of philosophy (on death of Hsun-Tsu)	<b>-233 UR CONJ NE</b> Ge Ge	-232 PL Sc
-		-233 UR -sqt PL Ge Li	
-232	INDIA: Asoka dies (last great Mauryan Emperor, end of a great era in India)	<b>-232 UR CONJ NE</b> Ge Ge	
-			

-231			-231 UR Cn
-			
-230	* IDEAS: Archimedes of Syracuse (280-212), mathematician, physics, at work	-230 NE -sqt PL Ge Sc	-230 UR Cn
-			
-229		-229 UR -tri PL Cn Sc	
-		-229 NE -sqt PL Ge Sc	
-228		-228 UR -tri PL Cn Sc	-228 NE Cn
-		-228 NE -sqt PL Ge Sc	
-227	GREECE: Cleomenes III (227-22) reactivates communistic reforms in Sparta	-227 UR -tri PL Cn Sc	-227 NE Cn
-		-227 NE -sqt PL Cn Sc	
-226		-226 UR -tri PL Cn Sc	
-		-226 NE -sqt PL Cn Sc	
-225	ITALY: Celts defeated by Rome in Etruria	-225 NE -sqt PL Cn Sc	
-			
-224		-224 NE -sqt PL Cn Sc	-224 UR Le
-			
-223	MIDEAST: Antiochus III the Great (223-187) (greatest of Seleucid kings)	-223 NE -sqt PL Cn Sc	
-		-223 Sa CONJ PL Sc Sc	
-222	ITALY: Rome conquers N Italy	-222 NE -sqt PL Cn Sc	
-			
-221	* CHINA: UNIFICATION & STANDARDISATION by Ch'in modernist emp SHI HUANG-TI (221-09)	-221 NE -sqt PL Cn Sc	-221 PL Sg
-		-221 UR +ssx NE Le Cn	
-220	* IDEAS: Eratosthenes of Cyrene, geographer, historian, astronomer, at work at Alexandria	-220 NE -sqt PL Cn Sg	-220 PL Sg
-		-220 UR +ssx NE Le Cn	
-219		-219 NE -sqt PL Cn Sg	
-			
-218	MED'N: Second Punic War (218-01) (Rome v Carthage); Hannibal fails to beat Rome, loses Spain	-218 NE -sqt PL Cn Sg	-218 UR Vi
-		<b>-217 UR -SQR PL Vi Sg</b>	
-217	N AFRICA: disastrous earthquakes kill 50,000 people, ruining 100 towns	-217 NE -sqt PL Cn Sg	-217 UR Vi
-		-217 Sa OPPN NE Cp Cn	
-216	ITALY: Bt of Cannae, Hannibal wins worst Roman defeat ever); Hannibal retires (bad supplies)	<b>-216 UR -SQR PL Vi Sg</b>	
-		-216 NE -sqt PL Cn Sg	
-215	GREECE: internal division between states for & against Rome; Macedon allies with Carthage	<b>-215 UR -SQR PL Vi Sg</b>	-215 NE Le
-		-215 NE -sqt PL Cn Sg	
-214	CHINA: building of earthen Great Wall (1400 miles), roads & canals; Shih Huang Ti invades S China	-215 UR +ssq NE Vi Le	-214 NE Le
-		<b>-214 UR -SQR PL Vi Sg</b>	
-213	CHINA: "Burning of the Books" by Shih Huang-Ti (to suppress feudalism & traditionalism)	-214 NE -sqt PL Cn Sg	
-		-214 UR +ssq NE Vi Cn	
-212	CHINA: standardisation & simplification of Chinese script by Li Ssu, adviser to Shih Huang Ti	-213 Sa OPPN UR Pi Vi	-212 UR Li
-		-212 Sa OPPN UR Pi Vi	
-211	ROME: Carthaginians under Hannibal before the walls of Rome	-211 Sa OPPN UR Ar Li	-211 UR Li
-	MIDEAST: Seleucids annex Armenia (211-190)		
-210	ITALY: Sicily reconquered by Rome from Carthage		
-			
-209	* ASIA: formation of first Turkic empire of Hsiung-Nu in Mongolia	-209 UR +sxt NE Li Le	
-			
-208	PERSIA: Seleucid Antiochus III attempts & fails to suppress Parthians & Graeco-Bactrians	-208 UR +sxt NE Li Le	
-	* C AMERICA: ASCENDANCY OF TEOTIHUACAN state, Valley of Mexico		
-207	IBERIA: Romans beat Carthage in Spain (end of Carthaginian rule in Spain)		
-	CHINA: collapse of Shih Huang-Ti's Ch'in empire & destruction of Ch'in capital, Loyang		
-206	CHINA: EARLIER HAN DYNASTY (206-09CE) (peasant soldier hero Liu Bang becomes emperor)	-206 Sa OPPN PL Ge Sg	
-			
-205		-205 UR -sxt PL Li Sg	-205 UR Sc
-		-205 Sa OPPN PL Ge Sg	-205 PL Cp
-204		-204 UR -sxt PL Sc Cp	-204 UR Sc
-			-204 PL Cp
-203			
-			
-202	N AFRICA: Rome destroys Carthaginian army in Tunisia (vict of Roman citizens over Carthage traders)		
-			
-201	* PACIFIC: Polynesian settlement of Tahitian islands	-201 Sa CONJ NE Le Le	-201 NE Vi



**Uranus square Pluto 298-97 BCE**

Euclid, mathematician; fall of Chorrera culture (Equador); Sarmatians invade Ukraine from Siberia; Sun Temple at Teotihuacan built



**Uranus square Neptune 283-280 BCE**

Romans invade Corsica (first foreign growth); Aristarchus, astronomer; decline of Greece; Celtic expansion in Turkey and Iberia



**Uranus opposition Pluto 264-261 BCE**

Ashoka, Mauryan emperor (India); First Punic War, Romans v Carthage; balance shifts from Greece to Rome



**Uranus square Pluto 217-214 BCE**

Unification of China by Shi Huang-ti, then rise of Han dynasty; Hannibal & Carthaginian invasion of Italy (Romans later win); ascendancy of Teotihuacan, Mexico

- 200 GREECE: Rome tames Macedon (to gain influence & trust in Greece)
  - \* ROME: end of Roman agrarian & peasant state, beg of urban-trading dominance
  - CHINA: emperor surrounded by rebellious Hsiung-Nu; pacification by marriage & gifts
- 199 \* N AFRICA: carving of Rosetta Stone (later enabling decipherment of ancient Egyptian scripts)
- 198 MIDEAST: Seleucid Antiochus III takes Palestine from Egypt
- 197 ROME: 'History of Rome' by Quintus Fabius Pictor
- 196
- 195 \* S AMERICA: flourishing of the early Moche culture, lowland coastal Peru
- 194 \* GERMANY: Teuton tribes (Allemani, Franks, Saxons, Thuringians) move south along Rhine & Elbe
- 193
- 192 GREECE: Antiochus III & Hannibal attack Greece (to counter Rome, gain Seleucid power in E Medn)
- 191 \* CHINA: Han traditionalist revival, leading to classical rebirth & book-transcription
- 190 MIDEAST: Romans beat Seleucid Antiochus III, taking Asia Minor (beginning of Seleucid decline)
- 189 MIDEAST: Armenia takes independence from Seleucids
- 188 \* MED'N: Roman dominance of eastern Mediterranean (after defeat of Hannibal's navy)
- 187

- 200 UR -ssq PL Sc Cp      -200 NE Vi
- 199 UR -ssq PL Sc Cp
- 198 UR Sg
- 195 UR +SQR NE Sg Vi
- 194 UR +SQR NE Sg Vi
- 194 UR -ssx PL Sg Cp
- 193 NE -tri PL Vi Cp
- 193 UR -ssx PL Sg Cp
- 192 NE -tri PL Vi Cp
- 191 NE -tri PL Vi Cp      -191 UR Cp
- 190 NE -tri PL Vi Cp      -190 UR Cp
- 190 Sa CONJ UR Cp Cp
- 189 NE -tri PL Vi Cp
- 188 NE -tri PL Vi Cp
- 188 Sa CONJ PL Cp Cp
- 187 NE -tri PL Vi Cp      -187 NE Li

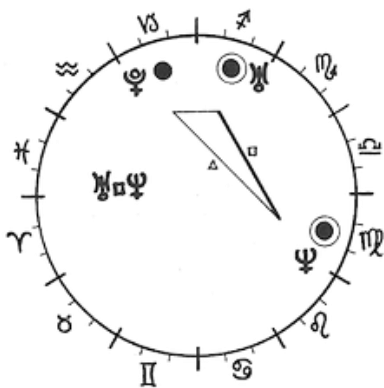
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-186	INDIA: Hindu Brahmin SHUNGA DYNASTY (186- 30) – fall of Buddhist Mauryans in north India		-186 NE Li
-			
-185	ROME: Carthaginian Hannibal's attacks on Rome, ending -182; Rome spreads north to Alps		-185 PL Aq
-			
-184	INDIA: Bactrian Greeks invade Gandhara & Punjab (diffusing Greek culture in India & Buddhism)		
-			
-183			-183 UR Aq
-			
-182	* S AMERICA: flourishing of Nazca culture in coastal Peru (making of Nazca Lines, -200 to +600)	<b>-182 UR CONJ PL</b>	Aq Aq
-	* N AMERICA: rise of Basketmaker (pre-Hopi) culture in SW deserts of N America	-182 Sa OPPN NE Ar Li	
-181		-181 Sa OPPN NE Ar Li	
-			
-180	INDIA: peak of Greek Bactria (Afghanistan & India)	-180 UR +tri NE Aq Li	
-			
-179		-179 UR + tri NE Aq Li	
-			
-178		-178 UR +tri NE Aq Li	
-			
-177		-177 UR +tri NE Aq Li –	
-			
-176		-176 UR +tri NE Aq Li	
-			
-175			-175 UR Pi
-			
-174			-174 NE Sc
-			
-173		-173 Sa OPPN PL Le Aq	-173 NE Sc
-			
-172		-172 Sa OPPN PL Le Aq	-172 NE Sc
-		-171 UR +sqt NE Pi Sc	
-171	GREECE: Antigonid Greeks fall to Romans (171-68) (persecution, partition, vassalage)	-171 UR +ssx PL Pi Aq	
-		-170 Sa OPPN UR Vi Pi	
-170	INDIA: Bactrian Greek principalities founded in Punjab (adopting Buddhism)	-170 UR +sqt NE Pi Sc	
-	E ASIA: Hsiung Nu defeat the Yueh-Chi, to dominate Mongolia (driving Yueh-Chi westwards)	-170 UR +ssx PL Pi Aq	
-169	* ROME: BEGINNING OF ROMAN WORLD DOMINATION (on fall of Macedon)	-169 Sa OPPN UR Vi Pi	
-	PERSIA: beginning of Parthian invasion of Seleucid kingdom (Persia-Syria, complete -141)	-169 UR +sqt NE Pi Sc	
-168	MIDEAST: revolt of the Hasmoneans (Maccabees; Seleucids give more autonomy to Palestine Jews)	-168 UR +sqt NE Pi Sc	-168 UR Ar
-	C ASIA: Iranians lose control of C Asia as a result of Hsiung-Nu conquest of Yueh-Chih		
-167			-167 UR Ar
-			
-166			
-			
-165	* ASIA: Kushan tribe of the Yueh-Chi horde settle in Bukhara (Oxus), starting Kushan empire	-165 UR +ssq PL Ar Aq	
-		-165 Sa CONJ NE Sc Sc	
-164	? MIDEAST: writing of Book of Daniel in Palestine; Jews gain religious freedom under Seleucids	-164 UR +qcx NE Ar Sc	
-		-164 HALLEY'S COMET	
-163		-163 UR +qcx NE Ar Sc	
-			
-162		-161 UR +qcx NE Ar Sc	
-			
-161		-161 UR +qcx NE Ar Sc	-161 PL Pi
-			-161 UR Ta
-160		-160 UR +qcx NE Ar Sc	-160 PL Pi
-			-160 UR Ta
-159	INNOVN: first water clock comes into use, in Rome	<b>-159 NE -SQR PL Sg Pi</b>	-159 NE Sg
-			
-158		<b>-158 NE -SQR PL Sg Pi</b>	
-			
-157	* C AMERICA: El Mirador, S Yucatan, becomes chief Mayan city-state (-150 to +150)	<b>-157 NE -SQR PL Sg Pi</b>	
-			

-156		<b>-156 NE -SQR PL Sg Pi</b>	
-			
-155		<b>-155 NE -SQR PL Sg Pi</b>	
-		-154 Sa CONJ PL Pi Pi	
-154			-154 UR Ge
-			
-153			-153 UR Ge
-			
-152			
-			
-151		<b>-151 UR +SQR PL Ge Pi</b>	
-			
-150	* INDIA: Patanjali writes his Great Commentary & Sutras	<b>-150 UR +SQR PL Ge Pi</b>	
-		<b>-150 UR OPPN NE</b> Ge Sg	
-149	MED'N: third Punic War (Corinth & Carthage destroyed)	<b>-149 UR OPPN NE</b> Ge Sg	
-			
-148	PERSIA: Parthians dominate Persia	<b>-148 UR OPPN NE</b> Ge Sg	
-		<b>-147 UR OPPN NE</b> Ge Sg	
-147		-147 Sa OPPN NE Ge Sg	-147 UR Cn
-		-147 Sa CONJ UR Cn Cn	
-146	MED'N: Rome annexes Macedon, Greece and Carthage (ending independence & old era)	-146 Sa CONJ UR Ge Ge	-146 UR Cn
-		<b>-146 UR OPPN NE</b> Ge Sg	
-145	MED'N: organisation of 7 Roman provinces – Macedon, Africa, Gaul, two Spains, Sicily, Corsica-Sardinia	-146 Sa OPPN NE Ge Sg	-145 NE Cp
-			
-144			
-			
-143			
-			
-142			
-			
-141	* IDEAS: Hipparchus of Nicaea (190-120), astronomer (star catalog & precession of equinoxes)	-141 Sa OPPN PL Vi Pi	-141 UR Le
-			
-140	CHINA: HAN WU TI, Han Emperor (140-87) ('Martial Emperor'; expansion of Chinese influence)	-140 Sa OPPN PL Vi Pi	-140 UR Le
-			
-139	PERSIA: PARTHIANS (Mithriades I) ESTABLISH CONTROL OVER IRAN & MESOPOTAMIA	-139 UR +sqt PL Le Pi	
-			
-138	ASIA: Chiang Chien explores central Asia for Han China	-138 UR +sqt PL Le Pi	
-	ASIA: fall of Greek Bactria (Afghanistan/N India) to Scythian Sakas and Yueh-Chi		
-137		-137 UR +sqt PL Le Pi	
-		-137 UR -qcx NE Le Cp	
-136	CHINA: formal introduction of Confucian education in Five Classics for mandarin administrators	-136 UR -qcx NE Le Cp	
-			
-135		-135 UR +qcx PL Le Pi	
-		-135 UR -qcx NE Le Cp	
-134		-134 UR +qcx PL Le Pi	-134 UR Vi
-		-134 UR -qcx NE Le Cp	
-133	MIDEAST: Attalos III of Pergamum bequeaths his kingdom to Rome (to be part of Asia province)	-133 UR +qcx PL Vi Ar	-133 UR Vi
-			-133 PL Ar
-132	ROME: reform movement (132-22) in Rome (led by Tiberias & Gaius Gracchus)		-132 PL Ar
-			
-131		-131 NE -sxt PL Cp Pi	-131 NE Aq
-		-131 UR -sqt NE Vi Cp	-131 PL Ar
-130	ASIA: Scythians (Yueh-Ch'i) clash with Hsiung-Nu (then to move Siberia to Afghanistan & India)	-130 NE -sxt PL Aq Ar	
-		-130 UR -sqt NE Vi Aq	
-129	* CHINA: compilation of early & Taoist philosophy under Liu Teh of Ho-chien	-129 UR -sqt NE Vi Aq	
-			
-128	PERSIA: Parthians push declining Seleucids west into Syria (permanently)	-128 UR -sqt NE Vi Aq	-128 UR Li
-	PERSIA: Scythians (Yueh-Chi) occupy Parthia (128-124)	-128 Sa CONJ NE Aq Aq	
-127		<b>-127 UR OPPN PL</b> Li Ar	-127 UR Li
-			



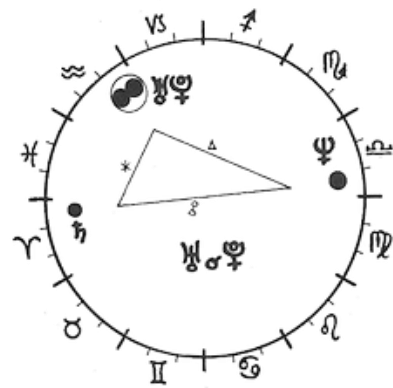
-126		<b>-126 UR OPPN PL</b> Li Ar	
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-125		<b>-125 UR OPPN PL</b> Li Ar	
-		-125 UR -tri NE Li Aq	
-124	PERSIA: revival of Parthia under Mithridates II the Great, K of Parthia (124- 88BCE)	-124 UR -tri NE Li Aq	
-	CHINA: creation of a Grand College for training officials in Confucian style		
-123	N AFRICA: rebuilding of Carthage as Roman trading & admin centre	-123 UR -tri NE Li Aq	
-		-123 Sa CONJ PL Ar Ar	
-122	ROME: Gracchus' reform movement undermined by vested interests in Rome	-122 UR -tri NE Li Aq	
-		-122 Sa OPPN UR Ar Li	
-121	CHINA: Hsiung-Nu driven out of China by General Ho Chu-Ping	-121 Sa OPPN UR Ar Li	-121 UR Sc
-			
-120	JAPAN: Yamato kingdom grows under Jimu Teno (developing Japanese identity)		
-			
-119	CHINA: debasement of currency, sale of posts & pardons by government (to raise funds)	-119 NE -ssq PL Aq Ar	
-			
-118		-118 UR -qcx PL Sc Ar	-118 NE Pi
-			
-117		-117 UR -qcx PL Sc Ar	-117 NE Pi
-			
-116			
-			
-115	ASIA: China imposes domination on E Turkestan (Tarim Basin) to control Silk Roads	-115 PL Aphn 16Ar	
-			
-114		-114 UR -sqt PL Sg Ar	-114 UR Sg
-			
-113	ROME: panic as Cimbri & Teutons beat Romans in Germany (beaten by -101)	-113 UR -sqt PL Sg Ar	
-			
-112	* ASIA: SILK ROAD SECURELY OPEN, linking China with Mediterranean (secure empires)	-112 Sa OPPN NE Vi Pi	
-			
-111	CHINA: subjugation of Yueh completes formation of Han China 'proper'; overseas travel to India	<b>-111 UR -SQR NE Sg Pi</b>	
-	S AMERICA: development of the institutionalised state of Moche, (-200 to +700), coastal Peru	-111 Sa OPPN NE Vi Pi	
-110	* MIDEAST: rise of the Pharisees & Sadducees in Palestine	<b>-110 UR -SQR NE Sg Pi</b>	
-	CHINA: Wu Ti inaugurates Sacrifice to Heaven (divine right) as sacred obligation of emperor		
-109	SE ASIA: annexation of state of Tonkin (N Vietnam) by China (109BCE-900CE)	<b>-109 UR -SQR NE Sg Pi</b>	
-		-109 UR -tri PL Sg Ar	
-108		<b>-108 UR -SQR NE Sg Pi</b>	
-		-1078UR -tri PL Sg Ar	
-107	* GERMANY: Teuton tribes (Alemanni & Franks) occupy south Germany (originally from Scandinavia)	-108 Sa OPPN PL Li Ar	
-		-107 NE -ssx PL Pi Ar	-107 UR Cp
-106	ROME: thorough reform of Roman army		
-			
-105	INNOVN: first College of Technology founded at Alexandria by Heron the Mathematician		-105 NE Ar
-			
-104			-104 NE Ar
-			
-103	* N AMERICA: rise of Hopewell culture (replacing Adena culture) in Ohio		
-			
-102			
-			
-101			-100 PL Ta
-			
<b>-100</b>	* CHINA: Han fiefdoms brought under strong central control under Emperor Wu Ti		-100 PL Ta
-			
99	ASIA: Chinese vessels reach Bengal	<b>-99 UR -SQR PL Aq Ta</b>	-99 PL Ta
-		-99 Sa CONJ UR Aq Aq	-99 UR Aq
98			
-			
97			
-			
96			

-			
95			
-			
94	MIDEAST: rise of Tigranes I, King of Armenia (83-69) (becomes most powerful king in Asia)		
-			
93		-93 UR -sxt NE Aq Ar	
-			
92		-92 UR -sxt NE Aq Ar	-92 UR Pi
-		-91 Sa CONJ NE Ar Ar	
91	ROME: dissension leads to civil war in Italy between supporters of Marius & Sulla	-91 Sa CONJ PL Ta Ta	-91 UR Pi
-			-91 NE Ta
90	* INDIA: the Deccan dominated by Andhra dynasty (90BCE-225CE)		-90 NE Ta
-			
89	ROME: all free inhabitants of Italy receive Roman citizenship (Sulla in ascendancy)	-89 UR -sxt PL Pi Ta	
-			
88	ROME: agitation by Plebeians against Roman Senate – order restored by Sulla; uprisings in Athens	-88 UR -sxt PL Pi Ta	
-			
87		-87 HALLEY'S COMET	
-			
86	CHINA: Chao Ti, Han Emperor (86-73) repeals corrupt fundraising practices by Han Dynasty		
-			
85			
-			
84	ROME: civil war in Rome	<b>-84 NE CONJ PL Ta Ta</b> -84 UR -ssq NE Pi Ta -84 UR -ssq PL Ar Ta	-84 UR Ar
-			
-83	MIDEAST: collapse of Parthia as a viable strong nation	<b>-83 NE CONJ PL Ta Ta</b>	
-	BRITAIN: coinage first introduced in Britain (by Belgae Celts)	-83 UR -ssq NE Ar Ta	
-82	ROME: Sulla elected dictator, forces order on Rome & empire; fundamental legal reforms	-83 UR -ssq PL Ar Ta	



**Uranus square Neptune 195-194 BCE**

Growth of Moche culture, Peru; migration south into Germany of Teutonic tribes; decline of Buddhist Mauryan dynasty, N India



**Uranus conjunct Pluto 182 BCE**

Flourishing of Nazca culture, Peru; Hindu Shunga dynasty, N India; peak of Greek Bactria (Afghanistan) & Taxila (Pakistan); rise of pre-Hopi Basketmaker culture, SW USA

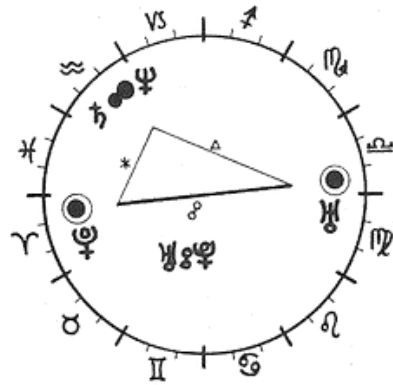


**Neptune square Pluto 158-155 BCE**

**Uranus square Pluto 151-150 BCE**

**Uranus opposition Neptune 150-146 BCE**

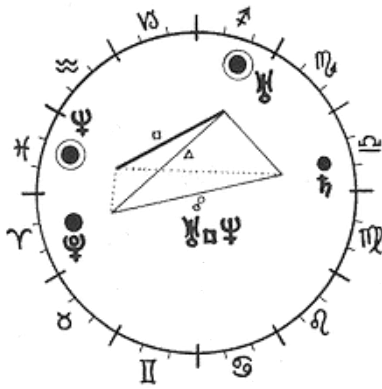
Patanjali, philosopher, India; Parthians dominate Persia; organisation of Roman conquered provinces; Hipparchus, astronomer;



**Uranus opposition Pluto 127-125 BCE**

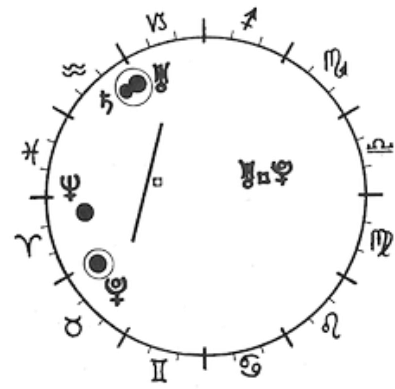
Reform movement in Rome (Gracchus bros); compilation of Taoist philosophy (Liu Teh); movement of Yueh-Chi and Hsiung-Nu tribes from Mongolia westwards; growth of Han China

expansion of Han China (Han Wu Ti)



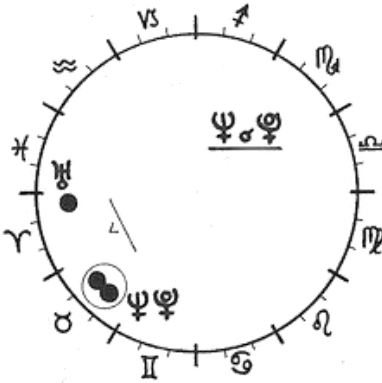
**Uranus square Neptune 111-108 BCE**

Teuton tribes occupying Germany, beat Romans back; Silk Road securely open, stable empires across Eurasia; state of Moche, Peru



**Uranus square Pluto 99 BCE**

Wu Ti brings China to a zenith



**Neptune conjunct Pluto 84-83 BCE**

Battle for the future of Rome (civil war); zenith in Armenia; collapse of Parthia; reform in imperial China; expansion of the Germans (Suevi and others); Hopewell culture, Ohio; stability and trade across Asia

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Astro-historical tables for 2,500 years