

ASTRAL SCIENCES IN MESOPOTAMIA

BY

HERMANN HUNGER

AND

DAVID PINGREE



BRILL
LEIDEN · BOSTON · KÖLN
1999

PRELIMINARIES

CHRONOLOGY¹

Babylonia

First Dynasty of Babylon (based on Ammi-šaduqa 1 = -1701/0)²

Sumu-abum	-1949/8	to	-1936/5
Sumulael	-1935/4	to	-1900/1899
Sabium	-1899/8	to	-1886/5
Apil-Sin	-1885/4	to	-1868/7
Sin-muballiṭ	-1867/6	to	-1848/7
Ḫammu-rapi	-1847/6	to	-1805/4
Samsu-iluna	-1804/3	to	-1767/6
Abi-ešuh	-1766/5	to	-1739/8
Ammi-ditana	-1738/7	to	-1702/1
Ammi-šaduqa	-1701/0	to	-1681/0
Samsu-ditana	-1680/79	to	-1650/49

Second Dynasty of Isin³

Marduk-kabit-aḫḫešu	-1156/5	to	-1139/8
Itti-Marduk-balaṭu	-1138/7	to	-1131/0
Ninurta-nadin-šumi	-1130/29	to	-1125/4
Nebuchadnezzar I	-1124/3	to	-1103/2
Enlil-nadin-apli	-1102/1	to	-1099/8
Marduk-nādin-aḫḫe	-1098/7	to	-1081/0
Marduk-šapik-zeri	-1080/79	to	-1068/7
Adad-apla-iddina	-1067/6	to	-1046/5
Marduk-aḫḫe-eriba	-1045/4		
Marduk-zer-x	-1044/3	to	-1033/2
Nabu-šumu-libur	-1032/1	to	-1025/4

¹ The year numbers refer to retrojected Julian years, counted astronomically: year 0 = 1 B.C., year -1 = 2 B.C., etc. Since the Babylonian year began in spring, each Babylonian year contains parts of two consecutive Julian years. For this reason, two year numbers appear in these tables. Sometimes it is of course possible to determine the boundary between reigns more precisely, but we have not deemed it necessary to investigate this in each case.

² According to Huber [1982].

³ This and the remaining dynasties according to J. A. Brinkman in Oppenheim [1977] pp. 338-342, except that for the Parthians we have used K. Schippmann in Encyclopaedia Iranica II, 1986, pp. 525-536. Some of the entries could be modified according to later research, but for an overview this did not seem necessary to us.

Mixed Dynasties

Nabu-našir	-746/5	to	-733/2
Nabu-nadin-zeri	-732/1	to	-731/0
Nabu-šuma-ukin II	-731/0		
Nabu-mukin-zeri	-730/29	to	-728/7
Tiglath-pileser (Assyrian)	-727/6	to	-726/5
Shalmaneser (Assyrian)	-725/4	to	-721/0
Merodach-Baladan II	-720/19	to	-709/8
Sargon (Assyrian)	-708/7	to	-704/3
Sennacherib (Assyrian)	-703/2	to	-702/1
Marduk-zakir-šumi II	-702		
Merodach-Baladan II	-702/1		
Bel-ibni	-701/0	to	-699/8
Aššur-nadin-šumi	-698/7	to	-693/2
Nergal-ušeziš	-692/1		
Mušeziš-Marduk	-691/0	to	-688/7
Sennacherib (Assyrian)	-687/6	to	-680/79
Esarhaddon (Assyrian)	-679/8	to	-668/7
Assurbanipal (Assyrian)	-667/6		
Šamaš-šum-ukin	-666/5	to	-647/6
Kandalanu	-646/5	to	-626/5
(interregnum)	-625/4		

Chaldaeian Dynasty

Nabopolassar	-624/3	to	-604/3
Nebuchadnezzar II	-603/2	to	-561/0
Evil-Merodach	-560/59	to	-559/8
Neriglissar	-558/7	to	-555/4
Labaši-Marduk	-555/4		
Nabonidus	-554/3	to	-538

Assyria

Adad-nirari I	-1304/3	to	-1273/2
Shalmaneser I	-1272/1	to	-1243/2
Tukulti-Ninurta I	-1242/1	to	-1206/5
Aššur-nadin-apli	-1205/4	to	-1202/1
Aššur-nirari III	-1201/0	to	-1196/5
Enlil-kudurri-ušur	-1195/4	to	-1191/0
Ninurta-apil-Ekur	-1190/89	to	-1178/7
Aššur-dan I	-1177/6	to	-1132/1
Ninurta-tukulti-Aššur	-1132/1		
Mutakkil-Nusku	-1132/1		
Aššur-reš-iši I	-1131/0	to	-1114/3
Tiglath-pileser I	-1113/2	to	-1075/4
Ašarid-apil-Ekur	-1074/3	to	-1073/2
Aššur-bel-kala	-1072/1	to	-1055/4
Eriba-Adad II	-1054/3	to	-1053/2
Šamši-Adad IV	-1052/1	to	-1049/8
Aššurnaširpal I	-1048/7	to	-1030/29
Shalmaneser II	-1029/8	to	-1018/7
Aššur-nirari IV	-1017/6	to	-1012/1
Aššur-rabi II	-1011/0	to	-971/0
Aššur-reš-iši II	-970/69	to	-966/5
Tiglath-pileser II	-965/4	to	-934/3
Aššur-dan II	-933/2	to	-911/0
Adad-nirari II	-910/9	to	-890/89
Tukulti-Ninurta II	-889/8	to	-883/2
Aššurnaširpal II	-882/1	to	-858/7
Shalmaneser III	-857/6	to	-823/2
Šamši-Adad V	-822/1	to	-810/9
Adad-nirari III	-809/8	to	-782/1
Shalmaneser IV	-781/0	to	-772/1
Aššur-dan III	-771/0	to	-754/3
Aššur-nirari V	-753/2	to	-744/3
Tiglath-pileser III	-743/2	to	-726/5
Shalmaneser V	-725/4	to	-721/0
Sargon II	-720/19	to	-704/3
Sennacherib	-703/2	to	-680/79
Esarhaddon	-679/8	to	-668/7
Assurbanipal	-667/6	to	-626/5
Aššur-etel-ilani			
Sin-šumu-lišir			
Sin-šarru-iškun		to	-611