B and C: The translation combines the two exemplars; not every line of transliteration will therefore be mentioned in the translation.

## B Obv.

**B4** 

B6

**B**7

[Year 114, kings Antiochus and his son Antiochus, month VII, the 1st (of which followed the 30th of the preceding month),] sunset to moonset: [nn°]; it was bright, earthshine, measured; very overcast. Night of the 2nd, very overcast. The 2nd, very overcast. Ni[ght] of the 3rd, the moon was [...] behind 9 Ophiuchi.

B2 [....Night of the 6th, beginn]ing of the night, the moon was  $^2/_3$  cubit behind  $\beta$  Capricorni. Night of the 7th, beginning of the night, the moon was 1 cubit in front of  $\gamma$  Capricorni.

Night of the 8th, [....]

B3 [.... Night of the 12th, beginning of the night, the moon was] 6 cubits [below] β Arietis, the moon being ½ cubit back to the west. The 12th, moonset to sunrise: 13° 30′, measured. The 12th, Saturn's first appearance in Libra; rising of Saturn to sunrise: 15°; (ideal) first appearance on the 10th [....]

[...] moonrise to sunset: [....] clouds, I did not watch .... sunrise to moonset:  $2^{\circ}$  20+[x]'; clouds, I did not watch. Night of the 14th, sunset to moonrise: .... clouds, I did not watch; gusty wind; last part of the night, the moon was 1/2 cubit in front of  $\alpha$  Tauri. Night of the 15th, last part of the night, the moon was 1/2 cubit below  $\zeta$  Tauri,

the moon being  $\frac{1}{2}$  cubit to [....]

[The 15th², very] overcast². Night of the 16th, very overcast; last part of the night, the moon was 1 cubit 8 fingers above γ Geminorum. The 16th, very overcast. Night of the 17th, very overcast; last part of the night, the moon was 5 cubits below α Geminorum, the moon being ½ cubit back to the west. The 17th, very overcast. Night of the 18th, very overcast, rain DUL. Night of the 19th, last part of the night, the moon was

1 cubit [in front of]  $\epsilon$  Leonis. The 19th, Mercury's first appearance in the east in Libra, 3  $^{1}/_{2}$  cubits behind Saturn to the east; it was bright, rising of Mercury to sunrise: 16°; (ideal) first appearance on the 17th. Night of the 20th, last part of the night, the moon was 6 fingers below  $\alpha$  Leonis, the moon having passed a little to the east. Night of the 21st, last part of the night, the moon [stood] 1 cubit in front of Mars

[to the west,] 1 cubit in front of  $\vartheta$  Leonis. Night of the 22nd, last part of the night, the moon was 1 cubit in front of  $\beta$  Virginis; last part of the night, Mars was 4  $\frac{1}{2}$  cubits below  $\vartheta$  Leonis. Night of the 23rd, last part of the night, the moon was 2  $\frac{1}{2}$  cubits in front of  $\gamma$  Virginis. Night of the 24th, last part of the night, the moon was 2  $\frac{1}{2}$  cubits

in front of  $\alpha$ 

- Virginis. Night of the 25th, last part of the night, Mercury was ½ cubit above α Librae. Night of the 26th, last part of the night, the moon was 2 cubits in front of α Librae, 2 cubits in front of Mercury, 1½ cubits below Saturn, the moon having passed ½ cubit to the east. The 27th, moonrise to sunrise: 12°, measured.
- Night of the 29th, last part of the night, Mercury was 3 cubits below β Librae. That month, the equivalent for 1 shekel of wrought silver was: barley, 4 pān; dates, 1 kur 2 pān 3 sūt; mustard, 1 kur 2 pān 3 sūt; cress, 2 pān 5 sūt; sesame, 1 pān; wool, 4 minas,
- which was given in the land. At that time, Jupiter was in Aquarius; around the 17th, [Mercury's] first appearance in the east in Libra; around the 10th, Saturn's first appearance in Libra; Mars was in Leo; Venus, which had set, was not visible. That month, the river level from the 10th to the 15th rose 1 cubit, total: 26 was the na (gauge);
- from the 15th to the 23rd, [it receded]  $\frac{1}{2}$  cubit, [total:] 29 was the na (gauge); [from the 24th to the en]d of the month, it rose  $\frac{1}{2}$  cubit, total: 23 was the na (gauge).
- Month VIII, (the 1st of which was identical with) the 30th (of the preceding month), sunset to moonset: 16°, measured. Night of the 4th, [the moon was . . . . below β Capricorni, the moon being nn] cubits back to the west. Night of the 5th, beginning of the night, the moon was 3 cubits in front of γ Capricorni. Night of the 10th, beginning of the night, the moon was [. . . .] below η Piscium.
- Night of the 11th, beginning of the night, the moon was [...] behind  $\alpha$  [Arietis; last part of the night, Mercury] was 4 fingers [...]  $\beta$  Scorpii. Night of the 12th, beginning of the night, the moon was 4 cubits below  $\eta$  Tauri, the moon being a little back to the west; last part of the night, Mars was  $^2/_3$  cubit above  $\beta$  [Virginis.]
- Night of the 13th, moonrise to sunset: 6° 40′, measured [...] moonset to sunrise:  $\lceil 5^{\circ ?} \rceil$  50′, measured (despite) clouds; very overcast. Night of the 14th, sunset to moonrise: 3°, measured (despite) clouds; clouds were in the sky; the moon was surrounded by a halo; last part of the night, the moon was 1 ½ cubits below
- B15 η Geminorum. The 14th, sunrise to moonset: 11°, [measured³; clouds] were in the sky. Night of the 15th, last [part of the night, the m]oon was 2 cubits in front of α Geminorum. Night of the 16th, last part of the night, Mercury was 3 cubits above α Scorpii; last part of the night, the moon was [....] behind β Geminorum.
- Night of the 17th, last part of the night, the moon was  $[x]^{+1/2}$  cubits behind  $\delta$  Cancri. Night of the 18th, last part of the night, the moon was 2 cubits in front of  $\alpha$  Leonis. Night of the 19th, last part of the night, the moon was 1/2 cubit above  $\rho$  Leonis. Night of the 20th, [last part of the night, the moon was]
- B17 2  $^{1}/_{2}$  cubits in front of  $\beta$  Virginis. Night of the 21st, [last part of the night, the moon was] 3  $^{1}/_{2}$  cubits in front of  $\gamma$  Virginis, it stood 1  $^{1}/_{2}$  cubits behind Mars to the east. The 21st, very overcast. Night of the 22nd, very overcast, rain DUL. The 22nd, [... Night of the 23rd,]

- Bl'=C6 Month XI, the 1st (of which followed the 30th of the preceding month), sunset to moonset: 19°; it was bright, earthshine, measured; it could be seen while (the sun) stood there; it was low to the sun; the moon [stood] 3 [....] in front of Venus [to the west ....]
- B2'=C7 1  $\frac{1}{2}$  cubits behind  $\alpha$  Arietis. Night of the 5th, beginning of the night, the moon was 4 [cubits] below  $\eta$  Tauri [....]
- B3'=C8 having passed to the east. Night of the 8th, beginning of the night, the moon was 1 cubit above  $\gamma$  Geminorum; last part of the night, Mars was [...] above  $\gamma$  Vir[ginis....]
- B4'=C9 Night of the 10th, very overcast, rain DUL. Around the 10th, when Saturn became stationary to the east, it became stationary ½ cubit in front of α Librae. Night of the 11th, beg[inning of the night, ....]
- Bb'=Cl0 The 12th, moonset to sunrise: 12°; clouds, I did not watch; very overcast, rain shower. Night of the 13th, moonrise to sunset: 13° 30′, measured (despite) clouds; beginning of the night, the moon [.... Night of the 14th,]
- B6'=C11 last part of the night, the moon was  $2^{1/2}$  cubits behind  $\beta$  Virginis. The 14th, Mercury's first appearance in the east in Aquarius; it was bright, rising of Mercury to sunrise: 15°; [(ideal) first appearance] on [.... Night of the 15th, last part of the night, the moon]
- B7'=C12 stood 2  $\frac{1}{2}$  cubits behind Mars to the east. Night of the 16th, last part of the night, the moon was 1 cubit behind  $\alpha$  Virginis [....]
- B8'=C13 Night of the 18th, beginning of the night, very overcast; last part of the night, the moon was 1  $^2/_3$  cubits below  $\beta$  Librae, [it stood ....] behind [Saturn to the east ....] .... [....]

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B9'=C14 2  $^{1}/_{2}$  cubits; very overcast, rain shower. The 19th, very overcast. Night of the 20th, last part of the night, the moon was [....] behind  $\alpha$  [Scorpii .... Night of the 21st, last part of the night, the moon was] 2  $^{1}/_{2}$  cubits [behind 9] Ophiuchi. Night of the 24th?, [last part of the night, the moon was .... below  $\beta$  Capricorni,]

B10'=C15 the moon having passed a little to the east. Night of the 25th, first part of the night, Venus was 4' cubits below  $\beta$  Arietis; last part of the night, the moon was 1'  $^2/_3$  cubits [in front of]  $\gamma$  Capricorni. The 27th, moonrise to sunrise: 12°, mea[sured . . . .

Venus was]

B11'=C16 5 cubits below α Arietis, Venus having passed a little to the east; very overcast. The 29th, very overcast; at sunset, rain DUL. That month, the equivalent (for 1 shekel of silver was): barley, 4 pān 5 sūt; dates, [....]

B12'=C17 in the middle of the month, 1 kur 3 pan 2 sūt; mustard, 1 kur 1 pan 5 sūt; cress, 3 pan; sesame, 5 sūt 3 qa; wool, 4 minas. At that time, Venus was in Pisces, in the

middle of the month, [in Aries; around the 12th?,]

B13'=C18 Mercury's first appearance in the east in Aquarius; Saturn was in Libra; Mars was in Virgo; Jupiter, which had [set,] was not visible. That month, I did not watch the river level.

- B14'=C19 Month XII, (the 1st of which was identical with) the 30th (of the preceding month), sunset to moonset: 13° 30'; clouds, I did not watch; very overcast. Night of the 1st, very overcast, rain PISAN DIB. The 1st, very overcast. Ni[ght of the 2nd, the m]oon was 6 cubits below α Arietis, the moon being ½ cubit back to the west, .... 2 cubits in front of Venus.
- B15'=C20 The 2nd, very overcast. Night of the 3rd, very overcast; beginning of the night, the moon was 2 cubits in front of η Tauri. The 3rd, Jupiter's [first appearance] in Pisces; rising of Jupiter to sunrise: [nn°;] (ideal) first appearance on the 1st. Night of the 4th, beginning of the night, the moon was 1 ½ cubits in front of α Tauri. Night of the 5th,

B16'=C21 beginning of the night, the moon was 1  $^1/_2$  cubits in front of  $\zeta$  Tauri; very overcast. Night of the 6th, beginning of the night, the moon was 1  $^1/_2$  cubits [below]  $\mu$  Geminorum; very overcast. The 6th, very overcast; in the morning, rain DUL. Night of the 7th,

beginning of the night, the moon was

B17'=C22 6 cubits below  $\alpha$  Geminorum. The 7th, very overcast; in the afternoon, rain shower. Night of the 8th, very overcast; beginning of the [night,] the moon was 2  $^2$ /3 cubits in front of  $\delta$  Cancri. Night of the 9th, beginning of the night, the moon was 2 cubits in front of  $\epsilon$  Leonis.

B18'=C23 The 9th, very overcast; at sunset, rain shower. Night of the 10th, beginning of the night, the moon was 10 fingers [....] α Leonis. Night of the 11th, very overcast; beginning of the night, the moon was 2 cubits behind ρ Leonis. The 11th, rising of Mercury to sunrise: 14°. Night of the 12th, very overcast;

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B19'=C24 beginning of the night, the moon was 1 cubit in front of β Virginis, it stood [nn cub]its in front of [Mars] to the west. Night of the 13th, beginning of the night, the moon was 2 cubits in front of γ Virginis. The 13th, moonset to sunrise: 3° 20'?; clouds, I did not watch; very overcast, rain shower. The 13th, Mercury's

- B20'=C25 last appearance in the east in Pisces; all day clouds crossed the sky. Night of the [14th, last part of the ni]ght, the moon was I cubit in front of α Virginis. The 14th, sunrise to moonset: 6° 50'; clouds, I did not watch; very overcast, rain shower. Night of the 15th, sunset to moonrise: 3°; clouds, I did not watch;
- B21'=C26 very overcast; last part of the night, the moon was 1 [....] above  $\alpha$  Librae, it stood [.... behind Saturn to] the east. Night of the 16th, first part of the night, Venus was 1  $^{1}/_{2}$  cubits below  $\eta$  Tauri; very overcast. The 16th, very overcast. Night of the 17th, last part of the night, the moon was 2  $^{1}/_{2}$  cubits in front of  $\beta$
- 822' Scorpii. Night of the 1[8th, last part of the night, the moon was . . . . behind α Scorpii;] very overcast. Night of the 19th, very overcast, rain shower; last part of the night, the moon was 2 ½ cubits above 9 Ophiuchi, the moon having passed a little to the east. The 19th, very overcast, lightning flashed, much thunder,
- B23' [rain,] cloudburst, PISAN DIB. Night of the 20th, very overcast [....] clouds were in the sky. Night of the 22nd, last part of the night, the moon was 2 cubits in front of  $\beta$  Capricorni; clouds were in the sky, the moon was surrounded by a halo. Night of the 23rd, last part of the night, the moon was [....] in front of  $\gamma$  Capricorni.
- B24' [....] Night of the 24th, [....]  ${}^{5}\!/_{6}{}^{1}$  cubit. Night of the 25th, very overcast, lightning flashed, much thunder, rain PISAN DIB; first part of the night, Mars, while going back to the west, was 1  ${}^{1}\!/_{2}$  cubits above  $\beta$  Virginis. The 25th, very overcast. Night of the 26th,
- B25' [...] cubits; very overcast. The 20+[xth,.... The 2]8th, very overcast, lightning flashed, thunder, rain DUL. Around the 30th, when Mars became stationary to the west, [it became stationary] 1 ½ cubits above β Virginis, being 4 fingers back to the west.
- B26' [....] new<sup>?</sup> dates, [....] 2 pān 4 sūt; sesame, 5 sūt 3 qa; wool, 4 minas. At that time, around the 2nd, Jupiter's first appearance in the beginning of Pisces; Venus was in Aries, in the middle of the month
- B27' [in Taurus ....] That month, the river level from the 22nd to the end of the month rose 8 fingers above the (normal) peak flood.

## Left edge

B1=C1 Diary from month VII to the end of month XII, year 114, [kings] Antiochus and [his son] Antio[chus.]

B28' [Month I, the 1st (of which followed the 30th of the preceding month), ....]

B29' [D]iary from month VII to the end of month XII, year 114, kings Antiochus and his son Antiochus.