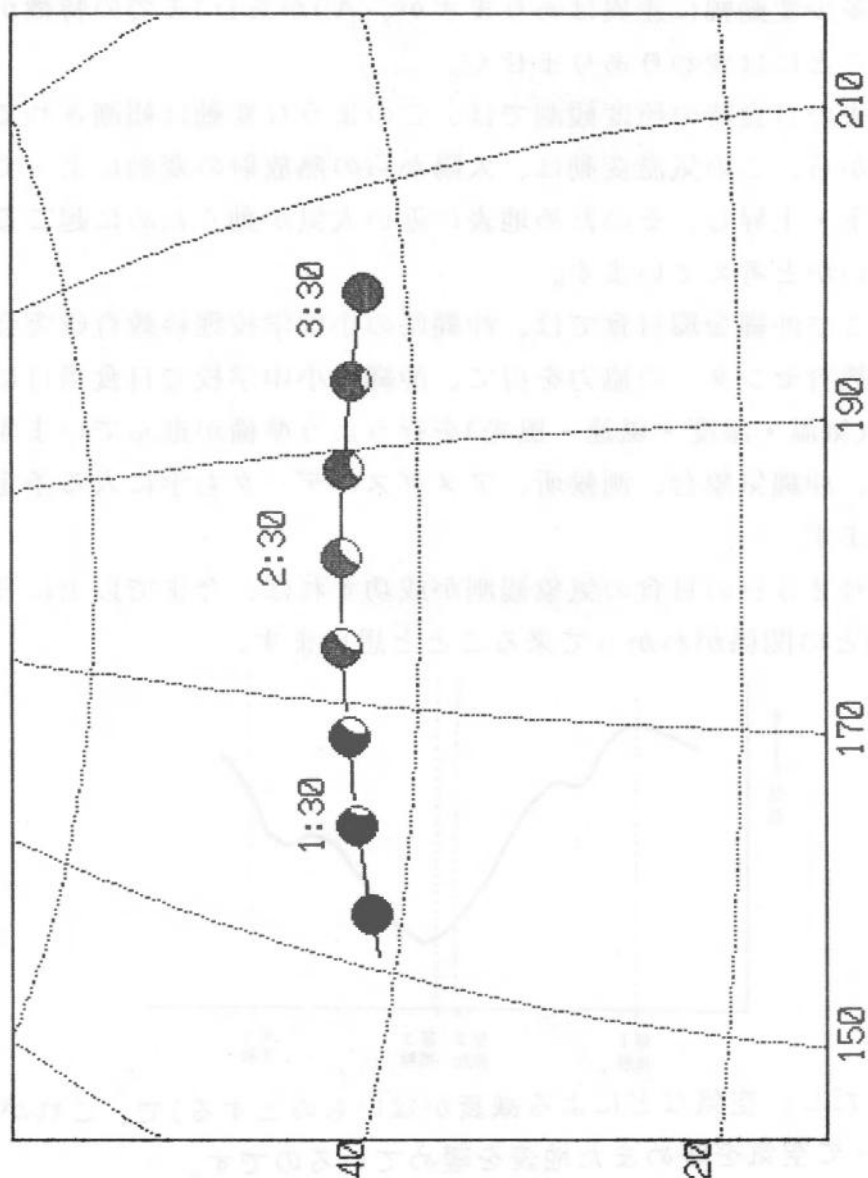


9月23日 国内での部分食

国内での代表地として、北海道の稚内・富士山五合目・鹿児島での部分食の状況です。なお、これは遠山御幸氏（横浜子供科学館）の許可を得て、編集部で作成したものです。

Local circumstances of annular solar eclipse 1987年9月23日



partial eclipse

WAKKANAI

long = $-141^{\circ} 41' 0''$

lat = $45^{\circ} 25' 0''$

hi = 0 m

* CONTACT TIME *

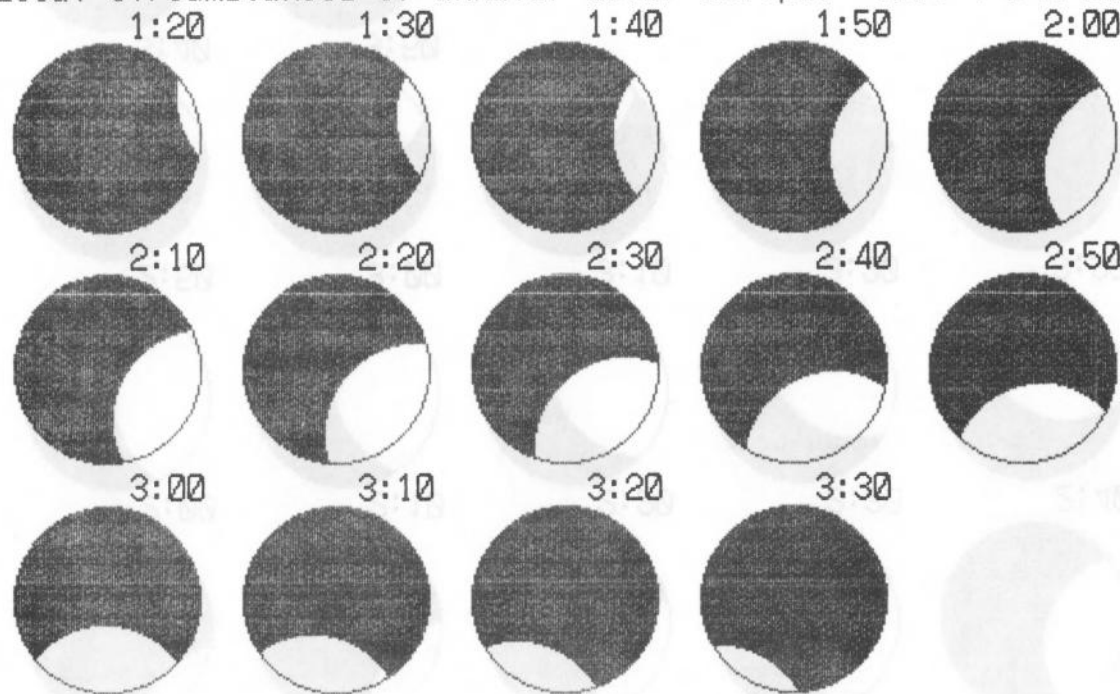
1st = 1:10:20

4th = 3:31:48

max = 2:20:44

max. mag 0.381

Local circumstances of annular solar eclipse 1987年9月23日



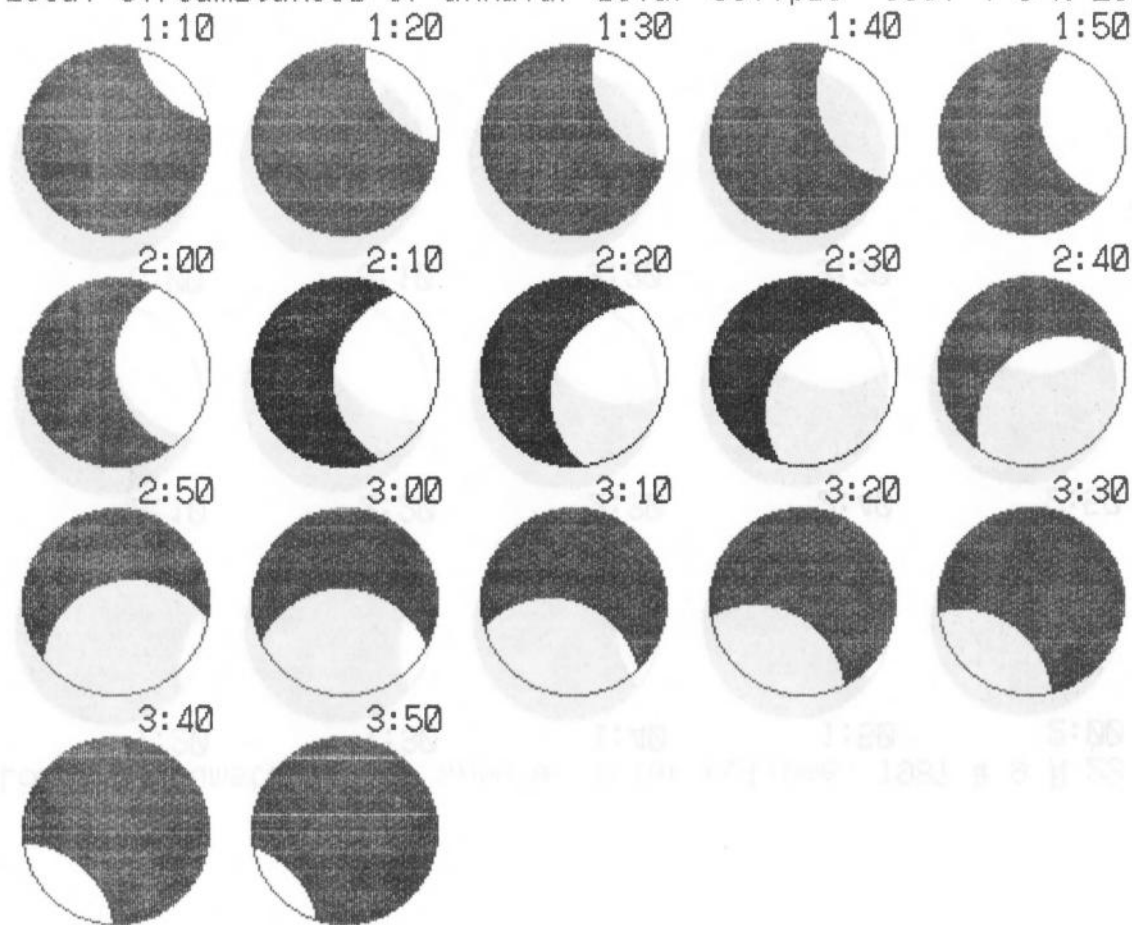
partial eclipse

WAKKANAI
 long = $-141^{\circ}41'00''$
 lat = $45^{\circ}25'00''$
 hi = 0 m

* CONTACT TIME *
 1st = 1:10:20
 4th = 3:31:48
 max = 2:20:44

max. mag 0.381

Local circumstances of annular solar eclipse 1987年9月23日



partial eclipse

アジサンゴウ

long = -138° 44' 13"

lat = 35° 20' 1"

hi = 2380 m

* CONTACT TIME *

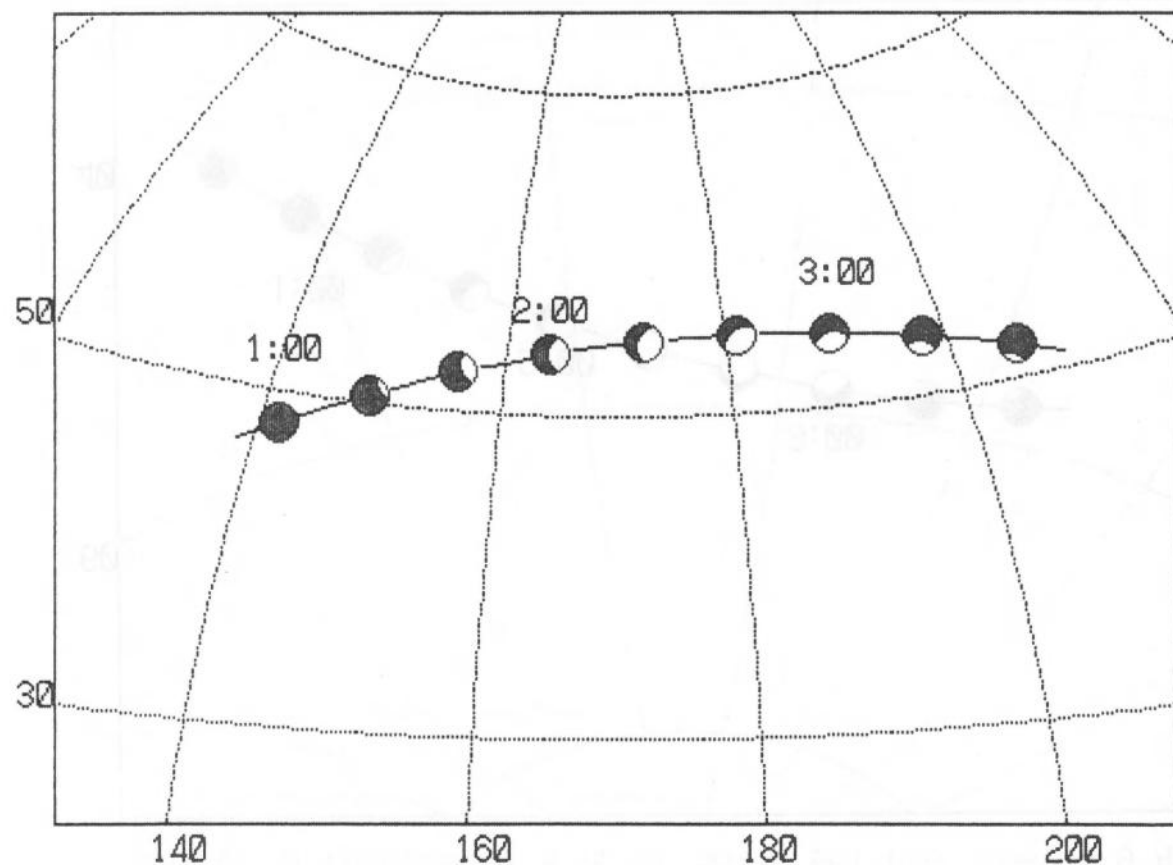
1st = 1: 2:24

4th = 3:56: 6

max = 2:28:41

max. mag 0.601

Local circumstances of annular solar eclipse 1987年9月23日



partial eclipse

アジサンゴウメ

long = $-138^{\circ}44'13''$

lat = $35^{\circ}20'1''$

hi = 2380 m

* CONTACT TIME *

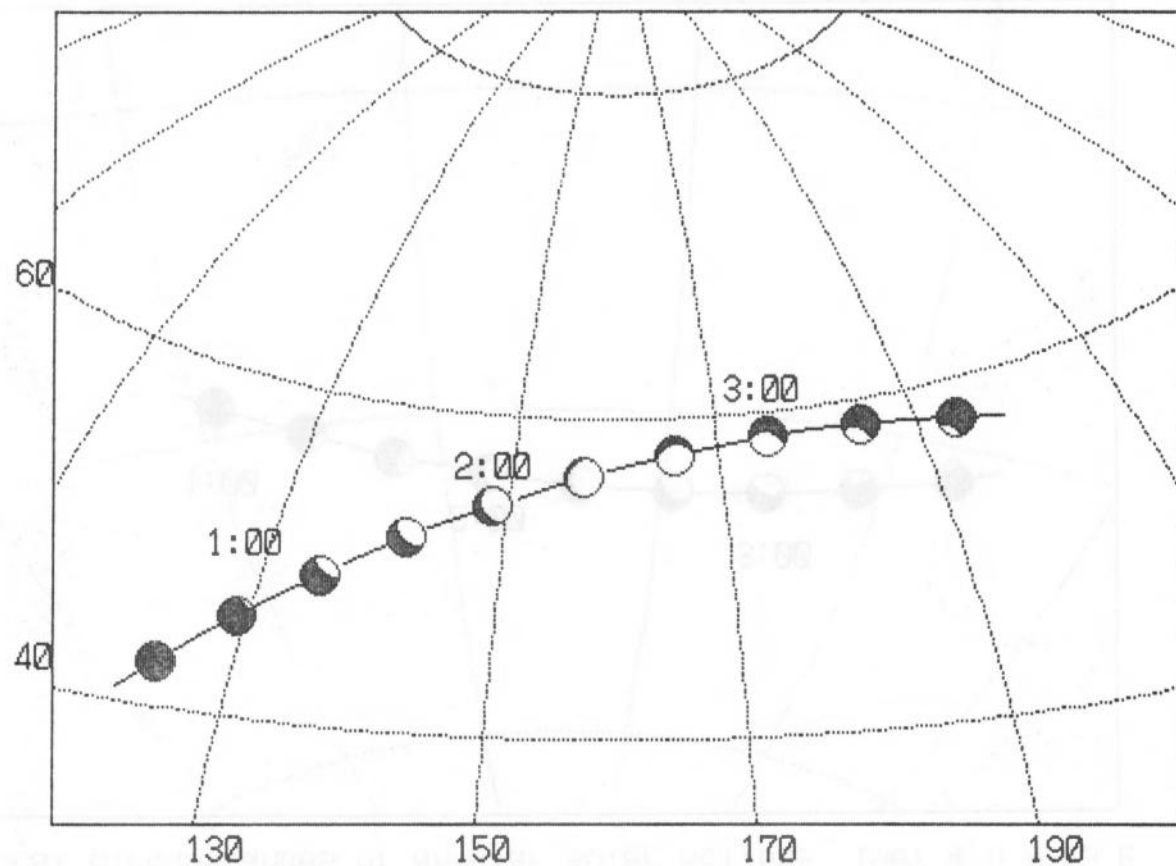
1st = 1: 2:24

4th = 3:56: 6

max = 2:28:41

max.mag 0.601

Local circumstances of annular solar eclipse 1987年9月23日



partial eclipse

KAGOSIMA

long=-130°33' 0"

lat = 31°36' 0"

hi = 0 m

* CONTACT TIME *

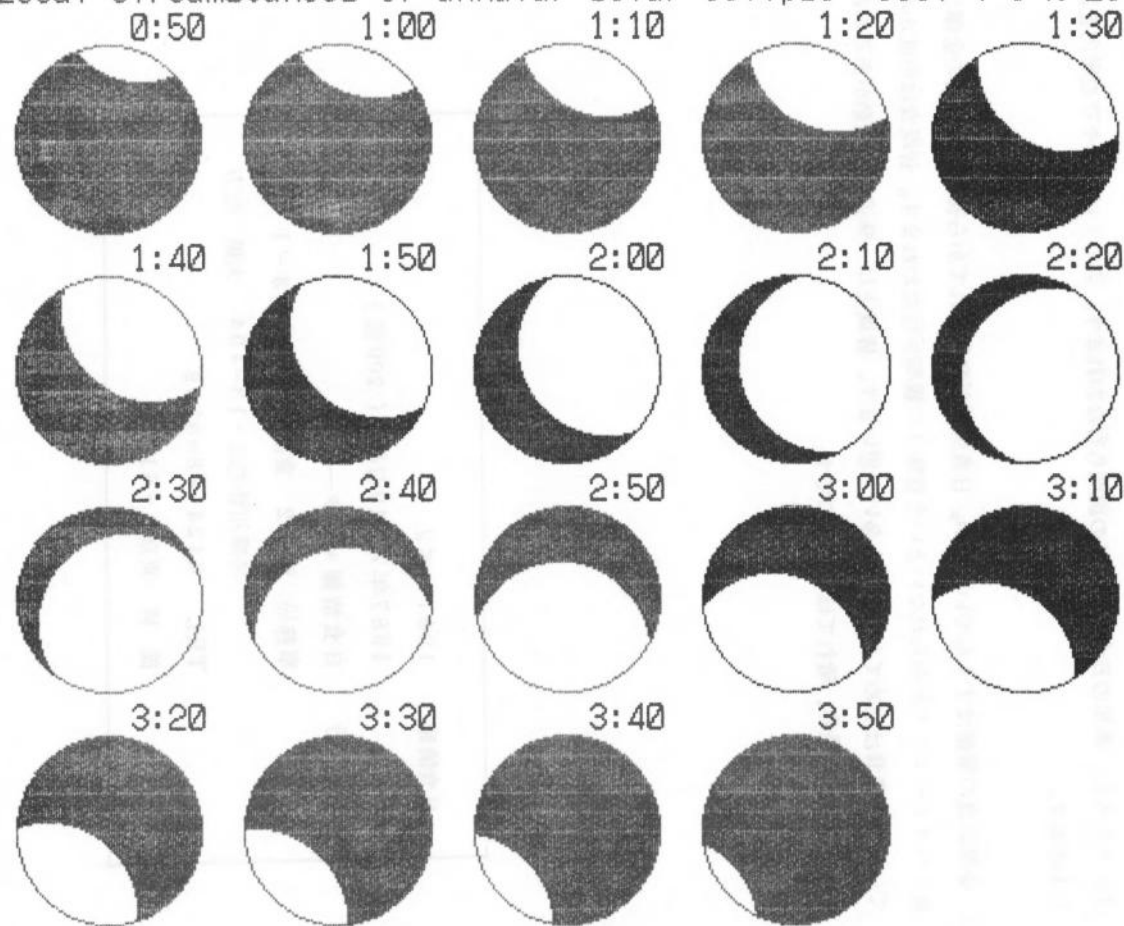
1st = 0:49: 7

4th = 3:56: 5

max = 2:20:49

max.mag 0.824

Local circumstances of annular solar eclipse 1987 年 9 月 23 日



partial eclipse

KAGOSIMA

long = $-130^{\circ}33'0''$

lat = $31^{\circ}36'0''$

hi = 0 m

* CONTACT TIME *

1st = 0:49:7

4th = 3:56:5

max = 2:20:49

max. mag 0.824