

Ms 5400/3. Granita'ció. Eötvös L.,
Kövesligetly, Tarsel
jegyzeti

1 kötetből. bor.

IV. TUD. AKADÉMIA
KÖZIRATI ÉS NÖVEDELYNAPLÓ
1972. 17. SZ.

Gravitációs multiplikátor.

márc 26. d. u. a hirtörést megvizsgálom, a barát rés erejétellen
 (a mólát kissé feljebb emeltem, a tehetetlenségi nyomaték
 valószínűleg nem változott meg)
 este 9h 0m kor véglegesre elkészült
 ej. 12h 0m a multiplikátort megindítottam

márc 27. d. e

első kísérlet 270°

MADELYN
 INSTITUTE OF RESEARCH
 KÖNYVTÁRA

<p><u>gm 49.434</u></p>	11h 47m 28s	150.0	) 196.2	t = 11.9
	11h 57m 16s	346.2		"
	3h 23m 35s	149.8	) 197.1	12.0
	33m 24s	346.9		"
	5h 41m 8s	149.9	} 197.1	11.8
	50m 56.5s	347.0		"
	11h 45m körül	345.3		11.5
	11h 54m 26s	152.6	} 192.7	"

szórót behajcsoltam.

345.5	12h gm 9.5s ⁽²⁷⁰⁾	gm 54s ⁽²⁵⁰⁾	10m 39.3s ⁽²³⁰⁾	174.1
326.7	11m 2.5 (	gm 27.8 (	7m 52.7 (
	20m 12.9s	1gm 21.8s	18m 32.0s	
	8m 32.5 (	10m 18.2 (	12m 7.0 (
	28m 44.5	2gm 40.0	30m 39.0s	191.1
	2m 30.0	- 50.4	- 4m 14.3	

345.5	326.7	326.7	J = 0.890	T = gm 51.9
174.1	174.1	191.1	0.889	51.5
171.4	152.6	135.6	0.8895	52.4
				<u>gm 51.9s</u>

szórót behajcsoltam.

marc 28 d.e

10h	23m 12s	151'g	) 1g5'4	11'1
	33m 0s	347'3		"

1h	4gm 2g's	348'1	) 1g6'g	11'4
	5gm 18'5s	151'2		"

7h 3m 51'5s 2go körül kihagyott !!
ch'orát megigazítottam !!

KÖNYVTÁR
 KÖZLEKEDÉSI TUDOMÁNYOK
 KÖNYVTÁR

x 11h	58m 34'5	346'1	/	11'0
12h	8m 25'0	155'4		"

marc 29. d.e.

10h	56m 4g'0	154'1	) 1g5'4	11'0
11h	6m 37'0	34g'5		

x h'orát:

1h	53m 38'5	152'8	) 1g8'1	11'3
2h	3m 27's	350'g		

gm 4g'44s

6h	18m 52'5s	350'4	) 1g6'4	11'0
	28m 42'0s	154'0		

ch'orám h'orákat oda lettem.

10h	53m 57's	34g'8	) 1g4'8	10'8
x 11h	3m 46'5s	155'0		

marc 30. d.e

11h	10m 45s	34g'4		
-----	---------	-------	--	--

20m 35s nem fogható at. (vinyagpattant)

este. 11h	17m 45'5s	157'g	) 1g1'3	10'6
	27m 33'5s	34g'2		

March 31. reg.

8h 8m 15.5A

342.2

10.4 ? ?

18m 4A

164.1

} 198.1

April 1st d.

11h 48m 30A

173.4

10.2 ?

58m 19.5A

338.3

} 164.9

4h 53m 2A

352.9

} 195.9

10.1

5h 2m 51.5

157.0

7h 59m 41.5

156.9

} 196.5

10.0

8h 9m 31.0

353.4

nyorok felhagyása —

12h 24m 57.5A

353.2

} 195.9

9.9

34m 45.5

157.3

Apr 2nd d.e.

9h 44m 54.0A

157.0

} 197.0

10.0

54m 44.0

354.0

5h 26m 37.5A

355.2

} 198.8

10.3

36m 27.0

156.4

1h 28m 2A

157.9

} 196.4

10.2

37m 50A

354.3

Apr. 3

8h 59m 58.5

157.4

} 197.5

10.35

9h 9m 43

354.9

10h 57m 47.0

157.0

} 198.7

10.5

11h 7m 36.5

355.7

12h 55m 40.5

156.9

} 199.2

10.8

1h 5m 29.5

356.7

3h 52m 30A

157.1

} 198.9

10.8

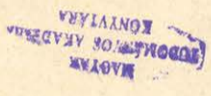
4h 2m 19.5

356.0

7h gm hirt 256.0 (kihagyott!! etijelen) 10.7
 mar jo iragyan hat!!

12h 43m 0A 184.3 10.6

April 4. reggel 8h 24m 44.0 355.2 10.8
 8h 34m 33 158.9) 196.3
 10h 12m 46.2 158.4 11.0
 12h 59m 47.1 357.0 1=11.0
 1h 9m 36.1 157.8) 199.2
 3h 27m 9.1 158.7) 197.8 11.1
 36m 58.5A 356.5
 6h 14m 10.5A 356.1) 197.0 11.1
 23m 59.0A 159.1
 10h 19m 45.0A 159.8) 196.1 11.0
 29m 35.0A 355.9



April 5 reggel 8h 28m 57.0. 159.9) 196.1 11.0
 38m 40.0. 356.0
 2h 42m 9.1 159.3) 197.9 11.4
 51m 59.5 357.2

(5h 0m k. alkalmat meglohtem)!

6h 28m 6A 356.3) 196.1 + = 11.4
 37m 55.5 160.2
 9h 54m 24.1 160.8) 195.4 + = 11.2
 10h 4m 14.1 356.2

Multiplicatio 2

April 6 regnet over indly le vakk sekunden.

eridati multiplicatio 2 mit hüt

April 7. regnet 8 om	I aller bann	254,1	
10h. 27 hrs	I aller bann	254,2 x	
10h. 27 hrs	el poyson II aller bann		} 21,4
10h. 47 m	II aller	275,6 x	
	57 m el poyson		
11h. 7 m	-----	265,8	
4h. 23 m	-----	265,8	
	I aller bann		
4h. 23 m		265,8 x	
37	-----	(2454) ?	el muley 104 m.
43 m		263,8	
53 m		246,1	
5h 3 m		261,9	
13 m		247,8	
22 m		260,2	

	regnet 12h 20m	254,7.
April 8	r. 8 h. 5 m	254,8
I aller	9 h. 36 m	254,8 x
II aller	10h. 54 1/2 m	261,7
	11h 4 1/2	270,6

April 8. Multiplicatio regnet 11h. 4m 320. hrs.

11h	24 m	12 s	288,8
	34 m	1 s	224,9
	43 m	50 s	303,1
	53 m	39,5 s	212,1

nen jöl forget; igefikotam!!

1h.	57 m	33,0 s	186,6
-----	------	--------	-------

3h 49m 26'0s 1688

59m 15'5s 3532

Kihagyott, megbolgyozott.

7h 6m körül 203'9

7h 55m 1,5' sec. 335,9 } 132,0

8h 44m 9 m² 176,0 } 1711

8h 53m 58'0 347,1

12h 10m 28s 357,1 } 192,3 t = 11'2°

20m 17'5 164,8

Apris 9. szep. 7h. 52, 10' 332,0 } 144,2 t = 11'0°

8h. 2m 0s 187,8

MAOTYAK
KONVIZIARA
KONVIZIARA

9h 10m 45s 348,4 } 176
20 350 172,4

t = 11'1

Apris 9. szep. 2. szep. az erdők alajzsa
beigazítása.

Multiplikációk kezdete 11h. 50 s. v.

Alto 271,0 Apris 9. szep. 1h. 6m 32s. --- 315,6

" 16m 21s. --- 202,8

2h. 5m 29s --- ~~188,7~~
337,9

2h 15m, 18s --- 183,9

Ki nem tudt az apris igazítása.

Multiplikációk kezdete April 9. szep. 4h. 15' körüli.

4h 33 1/2 m körüli 183'0

6h 11m 7s --- 170'9 } 183,1

20m 56s 354,0

sz 8 h. 9m 0,5s 166,2 } 191,8

" 18m 49s 358,0 } 192,1

28m 39s 165,9 } 192,3

38m 28,5s 358,2 } 192,3

10h 26m 32'5 165'0 } 194,1

36m 22'0s 359'1

	2h	22m	7g ₁	164.9) 1947	t = 11.2
		32m	8.5 ₁	359.6		
Apr 10 r	8 h. h	6m	8.5 ₁	359.9) 195.1	t = 11.2
		15m	58 ₁	164.8		
Altis 271.0				359.9		
T = 9m 49.44 ₁	9 h.	14m	5.5 ₁	164.6) 195.6	t = 11.4
		24m	45 ₁	360.2		
Mag	Mag	34m	34.5 ₁	164.3) 195.9	t = 11.4
		44m	24.0	360.3		
10 h	33m	31.5	164.1) 196.7	t = 11.5	
		43m	21.0 ₁			360.8
		53m	10.5			163.9
11 h.	3m	0 ₁	361.2) 197.3	t = 11.55	
12 h.	21m	35.5 ₁	361.7) 198.5	t = 11.7	
		25 ₁	163.2			
		14 ₁	361.7			
		3 ₁	163.2			
1 h.	0m	53 ₁	361.7) 198.5	t = 11.75	
		10m	42.5 ₁			163.2
Altis 271.0	20m	32.0 ₁	361.9) 198.7	t = 11.75	
		21.5 ₁	163.0			
		11.0 ₁	361.9			
		0.5 ₁	163.0			
		50.0 ₁	361.9			
2 h.	9m	39.5 ₁	163.0) 198.9	t = 11.8	
29m	18.0 ₁	162.95	) 199.15	t = 12.0	
	7.5 ₁	362.1				
39m	7.5 ₁	163.0	) 199.1	t = 12.0	
	57 ₁	362.1				
48m	57 ₁	163.0	) 199.1	t = 12.0	
	46.5 ₁	362.1				
3h	8m	36 ₁	163.0) 199.1	t = 12.0	
		25.5 ₁	362.1			
18m	25.5 ₁	163.0	) 199.1	t = 12.0	
	15.0 ₁	362.1				
28m	15.0 ₁	163.0	) 199.1	t = 12.0	
	4.5 ₁	362.1				
38m	4.5 ₁	163.1	) 199.0	t = 12.0	
	54.0 ₁	362.1				
47m	54.0 ₁	163.1	) 198.95	t = 12.0	
		362.1				

3h 57m 43'5" Δ 362.05, 198.95 t = 12.0°
 4h 7m 33'0" Δ 163.1, 198.9
 17m 22'0" Δ 362.0, 198.8
 27m 11'5" Δ 163.2, 198.8
 37m 1'0" Δ 362.0, 198.8

46m 50.02 163.5, 198.5 t = 12.0°
 56m 40.00 361.8, 198.3
 5h 6m 29.01 163.7, 198.1

16m 19.00 361.9, 198.2 l = 11.8°
 26m 8.00 164.0, 197.9
 35m 57.5 361.4, 197.4
 45m 47.0 164.1, 197.3
 55m 37.0 361.2, 197.1

6h 5m 26.0 164.1, 197.1 l = 12.0°
 15m 15.5 361.2, 197.1
 25m 5.0 164.1, 197.1

MAOYAK
 KONTYAKA
 KODOL-OF ARABIA

Alto 271.8 34m 54.5 362.0, 196.95 {meglőltetés a szélrel 0.80.v.

44m 44.0 165.05, 196.75
 54m 33.5 Δ 361.8, 196.75 t = 11.95°

7h 4m 23.0 165.05, 196.75
 14m 12.5 361.8, 196.75
 24m 2.0 165.1, 196.4

8 13m 9 Δ 361.8, 196.6
 22 58.5 Δ 165.2, 196.5 t = 11.9°
 32m 48.00 361.7, 196.5

10h 20m 52.00 165.6, 195.8 l = 11.7°
 30m 41.5 361.4, 195.8
 40m 31.0 165.7, 195.7

Kerem a társaságunk
 újra kezdte a munkát

Apr 11 éjre 12h 28m 35'0" Δ 361.3, 195.4 t = 11.8°
 38m 24.5 165.9, 195.4
 48m 14.0 361.3, 195.4

1. 2h 16m 39 Δ 165.9, 195.5 11.7°
 26m 28'5" Δ 361.4, 195.5

Alto 271.8 3h 25m 25.0 361.4, 195.5 l = 11.6°
 35m 14.5 165.9, 195.5
 45m 4.0 361.4, 195.5

Unit 11	5h. 13m	290	166,0	) 195,5	t = 11°5'	
"	23m	18,52	361,5			
all 271,9	7h. 40m	570	361,6	) 195,5	t = 11°8'	
	"	50m	400			166,1
	8h. 0m	29,50	361,9			195,8

Account of water table may ~~be~~ ^{be} abstracted only
 in long more a water table ~~is~~ ^{is} ~~not~~ ^{not} ~~to~~ ^{to} ~~be~~ ^{be} ~~used~~ ^{used} ~~for~~ ^{for} ~~any~~ ^{any} ~~purpose~~ ^{purpose}

Unit 11, bond	8h. 10m	19,0	165,9) 196,0	t = 11°8'
	"	20m	8,5			362,0
Unit 11	9h. 19m	50	362,2) 196,6	t = 11°8'
	28m	540	165,6		
	38m	440	362,3		
	48m	33,50	165,5		
	58m	23,0	362,3		
Unit 11	10h. 57m	20,0	362,3) 196,6	t = 12°0'
	11h. 7m	9,5	165,7		

Unit 11	16m	59,0	362,3) 196,6
	26m	48,5	165,6	

12 Unit's head	12h. 45m	24	165,4	) 197,4	t = 12°15'
	55m	19,5	362,8		
a very little	1h. 5m	30	165,3	) 197,5	t = 12°15'
	14m	52,5	362,9		
Unit's head	24m	42	165,2	) 197,7	t = 12°15'
	34m	31,0	363,0		
Unit's head	44m	20,50	165,0	) 198,0	t = 12°2'
	54m	10,00	363,1		
Unit's head	2h. 3m	59,50	165,0	) 198,0	t = 12°2'
	3. 12m	46	363,0		
Unit's head	22m	35,50	165,2	) 197,8	t = 12°2'

By series 5h. 50 Unit may be abstracted ~~for~~ ^{for} ~~any~~ ^{any} ~~purpose~~ ^{purpose}
 etc 8h 36m 57.0 357,6 Richard

at high water	12h. 52m	23,0	362,1) 195,1	t = 12,1
	1h. 2m	12,5	167,0		
	12m	2,0	362,1		

1h 21m 52'0 A 167'0) 195'1

Apr 12 regg
 fonce 7h. 54m 49,50 166,6) 196,4 t=12°2
 8h 4m 39,0 363,0)
 allo 27,195. 14m 28,5 166,65) 196,4

reggato 27m
 fonce 9h. 13m 25,4 166,4) 196,9
 23m 14,50 363,3)
 33m 4,1 166,3) 197,0 d=12°25
 fonce 42 - 53 363,3) 197,0
 52 - 43 166,7) 196,6 x

city 1h. 58m 19,0 363,8) 197,5 t=12°3
 2h 8m 9,0 166,3)

3h. 16m 54'5 A 363,0) 195'9 t=12'5
 26m 44'5 167'1)
 36m 34'0 363,0) 195'9
 46m 23'5 167'1) 195'9
 56m 12'5 363,3) 196'2

hiera deul. 4h. — 6m 2'0 A 166,4) 197'4 72'5
 15m 51'5 363,8)
 25m 41'0 166,4) 197'4

Tertiker 35m 30'5 363,9) 197'5
 45m 20'0 166,4) 197'5

~~Apr 10 regg~~
 Apr 10 regg 8, 589,47 A
 " 52,8, 589,49 A
 Apr 10 regg 8, 589,45 A
 " 52,8, 589,47 A
 Apr 12 r. 8, 589,47 A
 " 52,8, 589,45 A

5h. 04m 58,5 166,4) 197,5
 14m 48,00 363,8) 197,4

5h 54m 6,0 363,7) 196,8 t=12°5
 3m 55,0 166,9)

7h 2m 52,0 166,9

7h. 22m 21,0 167,0) 196,4
 32m 20,50 363,4) 196,3
 42m 10,0 167,1) 196,2

8h. 51m 59,4 363,0) 196,2
 1m 49,4 167,2) 196,1 t=12°5
 11m 38,50 363,2) 196,0

fonce
 fonce
 fonce

11h 37m 54.0A
47m 46.5A

167.8
363.1) 195.3

t = 12.5°

Apris 13
3h 33m 43.0A
43m 33.0A

167.9
363.2) 195.3

t = 12.5°

Apris 27.11.19
8h. 18m 37.0
28m 27.0
38m 16.5
9h. 17m 34.5 ?
27m 23.52

363.7
167.7
363.75) 196.0
196.05
363.8
167.6) 196.2
196.25
363.85) 196.25

t = 12°55'

Kizint a nap
37m 13.0

363.85) 196.25

t = 12°6'

villatrompa
nagy szel
nagy bruta
bonds - 2h. 2m 28.00

167.25
364.2
167.2) 197.0
197.0

t = 13°0'

Szivén bruta 3h. 11km 14.00
21m 3.5

364.5
167.2) 197.3

t = 13°0'

5h. 28m 46.5
38m 36

364.3
167.2) 196.5

t = 12°9'

6h. 37m 33.0
47m 22.0
57m 11.50

167.9
364.2
168.0) 196.3
196.2

t = 12°8.5'

9h 54m 1.50
10h. 3m 57
13m 40.5

168.75
363.80
168.8) 195.0
195.0

t = 12°8'

11h 42m 6.0A
51m 55.0A

363.9
168.8) 195.1
195.1

t = 12°8'

12h 1m 44.5A

363.9) 195.1

Apris felhnyrtam!

1h 49m 48.5A
59m 38.0A

168.9
363.9) 195.0
195.0

t = 12°9'

Apris 14. nyrt 7h. 43m 28.5A
53m 17.50
8h 3m 7.5

168.3
364.7
168.6) 196.4
196.1

t = 12°9.5'

8h 12m 57 364,3 / 195,7.^x
 9h 11m 53,5 364,8) 196,1
 21m 43,0 168,7) 195,6
 31m 33,8 364,3)
 41m 22,0 168,5)
 51m 11,5 364,5) 196,0

t = 13°15'

10h 10m 50,0 364,8) 196,6
 20m 40,0 168,2)
 30m 29,5 364,85) 196,65

t = 13°4'

11h 9m 47,0 364,9) 196,8
 19m 37,0 168,1)
 29m 26,0 364,9) 196,8

МАГЯН
 ДОДАТКОВИ АРХИВ
 КОПИЈА

12h 18m 33,0 168,1) 196,8
 28m 22,5 364,9)
 38m 12,0 168,1) 196,8

t = 13°5'

1h 17m 30,0 168,1) 196,9

t = 13°45'

27 19,0 365,0)
 37m 9,0 168,1) 196,9
 46m 58,0 365,1) 197,0

3h 25m 13,0 365,05) 196,75

t = 13°7'

35m 2,5 168,3)
 44m 52,0 365,05) 196,75
 54m 41,5 168,3) 196,75

4h 24m 8,0 365,0

4h 24m 10,0 km

4h 39m 58,8 168,2)
 43m 48,0 365,3) 197,1
 53m 37,5 168,15) 197,15
 5h 3m 27,0 365,4) 197,25
 13m 17,0 168,05) 197,35
 23m 6,0 365,5) 197,45

Multiplikation 4

April 14 d. u. 5h. 32m 55,55 - 168,1

Rhombus Kopf höchst bestmöglicher Kolonnenhöhe aller Tage

5h	42m	450	365,4	196,8
	52m	34,50	168,6	
6h	2m	240	365,15	196,15
	12m	12,50	168,85	196,3
	22m	90	365,10	196,15
	31m	520	168,85	196,15
	41m	410	365,00	196,15

t = 13°6

Apfelbaumwiese am unteren Ende

5h	31,50	169,0	196,1	
7h	1m	20,5	365,1	

Rhombus Kopf hier unten 7h. 1m

7h	30m	480	169,1
----	-----	-----	-------

Rhombus Kopf jetzt horizontalis Transversalis

Einträge mit Kopf

7h	40m	280	365,0	195,8
	50m	280	169,2	

t = 13°6

Dörfling Rhombus Kopf etc etc

Pekie Dr. west Kereu Jigolje mag systemen mindere

Einträge mag Rhombus Kopf, bestmöglicher mit Kopf

7h. 45 tat Kereu villam, Dörfling, cow etc

8h	39m	350	364,8	195,5
	49m	24,5	169,3	

t = 13°5

11h	6m	5700	1700	194,2
	16m	4650	364,2	194,2
	26m	360	1700	

t = 13°5

etc

2h	20m	260	1700	194,3
	33m	155	364,3	

t = 13°4

April 15 regt 9h	35m	410	169,4	196,1
	45m	310	365,15	
	55m	20,50	169,6	195,9

t = 13°5

etc

10 h. 44m 27.1 365.1 t = 13°6
 54m 17.1 169.9) 195.2
 11 h. 4m 6.5 365.2) 195.3

early

11 h. 43m 365.2
 12 h. 42m 21.0 365.6 t = 13°7
 52m 10.5 169.8) 195.8
 1 h. 2m 0.0 365.6) 195.8
 " 31m 27.5 169.9) 195.4
 41m 17.2 365.2

early

3 h. 29m 21.5.1 170.05) 195.25 t = 13°7
 39m 11.0.4 365.3
 49m 0.5.4 170.05) 195.25

early

4 h. 57m 46.5 365.35) 194.75 t = 13°7
 5 h. 7m 36.0 170.6) 194.4
 17m 25.5 365.0

early

7 h. 25m 8.2 170.5) t = 13°6
 34m 57.0 365.2) 194.7
 44m 17.0 170.6) 194.6

10 h. 12m 9.1 365.2) 194.3 t = 13°6
 21m 58.5 170.9) 194.3
 31m 48.0 365.2

1 h. 18m 48.0.1 171.0) 194.1 t = 13°6
 28m 37.5 365.1

Apr 16 next

8 h. 1m 35.5.0 365.5 t = 13°4
 11m 24.5 171.1) 194.4

bound

9 h. 20m 10.5.0 365.7) 194.7
 30m 0.0 171.0

10 h. 48m 36.1 171.1) 194.6 t = 13°6
 58m 25.5 365.7

Delles 12h. 7m 11.0 171.15
 17m 0.50 366.0) 194.85

1h 45m 25.5 A 171.05) 194.95 t = 13°6
 55m 15.2 366.0

2h. 5m 4.5 171.1) 194.9

each

3h 43m 18.5 A 171.05) 195.05 t = 13°6
 53m 8 A 366.1) 195.05

4h 2m 58 A 171.05) 195.05
 12m 47.5 366.1

t = 13°4

at chronometer fel-
 huzam.

6h 49m 58 A 366.0) 194.5
 59m 47.5 171.5) 194.5

7h 9m 27.0 A 366.0

8h 38m 2.1 171.7 t = 13°3

each

11h 5m 23.5 A 365.9) 194.0 t = 13°2
 15m 13.0 A 171.9) 194.0

1h 32m 45 A 171.9) 194.1 t = 13°2
 42m 35 A 366.0

Agis 17 sept

'allo' 271.8

7h. 46 - 171.8) 194.9 t = 13°0
 55m 54 A 366.7) 194.7

8h 5m 43.0 172.0

11h 51m 40.5 A 366.4) 194.4 t = 13°1

12h 1m 30.0 A 172.0) 194.7
 11m 19.5 366.7

1h 49m 34.0 366.7) 194.6 t = 13°1
 59m 22.5 172.1

3h 8m 9.5 A 366.3) 194.1 t = 13°1
 17m 59.0 172.2) 194.1
 27m 48.5 366.3

at chronometer fel huzam.

bruit

5
est

2.000	5h	35m	32.0 ²	172,7	) 193,6	l = 13°1
		45m	20,58	366,3		
		55m	10,0	172,7			) 194,0
	8h	12m	42.5A	172.1	) 194.8	t = 13.0
		22m	32.0A	366.g		
		32m	21.5	172.1			) 194.8
	12h	47m	47.0A	172.8	) 194.1	t = 13.0
		57m	36.5A	366.g		
		7h	7m	26.0			172.8	) 194.1
	1h	17m	15.5	366.g	) 194.1	

MAOTAN
KONVYTERA
KONVYTERA

Widens

18.000	7h	50m	13.0	367,0	) 194,0	t = 12°8	
		8h	0m	2,5			173,0
10h	17m	35.0	172,0	) 196,2	t = 13°0		
		27m	29,5			368,2	
		37m	14,0			171,8	) 196,4
		47m	3			368,2	) 196,4
		46m	52.0			171,9	) 196,2
12h	5m	39.0	368,2	) 196,3	t = 13°2		
		15m	28,5			171,9	
12h	44m	56,5	368,2	) 196,2			
		54m	45,5			171,9	
1h	43m	53.0	368,2		t = 13°0		

rupe int

rupe int

3h	37	57.5A	172.05	) 196.25	t = 13.6
		41	47.0			368.3
		51	36.5			172.05	) 196.25
5h	49m	29.5A	172.g	) 195.8	t = 13.3
		59m	19.0			368.7
6h	9m	8.5	172.g	) 195.8	

Mulap. 5

11 h	43 m	10'0 A	174'0	)	193'8	t = 13'0
	52 m	59'5 A	367'8	)	193'8	
12 h	2 m	49'0 A	174'0	)	193'8	
	12 m	38'5 A	367'8	)	193'8	

Apr 19 r. 8 h. 23 m 50,5 A.

bonis 30 m 400

also 272,2.

9 h	42 m	26'0	368,6	)	195,0	t = 13'0
	52 m	15,5	173,6	)	195,0	

Handwritten scribbles

11 h	1 m	2'0 A	368'0	)	195'8	t = 13'3
	10 m	51'5	173'1	)	195'8	
1 h	48 m	2'0	172,5	)	197,1	t = 13'4
	57 m	52'0	369,6	)	197,1	
2 h	7 m	41,5	172,5	)	197,1	

3 h	45 m	55'5	173'0	)	196'2	t = 13'7
	55 m	45'0	369'2	)	196'1	
4 h	5 m	34'5	173'1	)	196'1	

dyonit felhnytom →

6 h	3 m	28'0	173'5	)	195'5	t = 13'6
	13 m	17'5	369'0	)	195'5	

10 h	48 m	22'0	368'3	)	194'1	t = 13'3
	58 m	11'5	174'2	)	194'1	
11 h	8 m	1'0	368'3	)	194'1	

deult!

12 h	46 m	15'0	368'3	)	194'0	t = 13'2
	56 m	4'5	174'3	)	194'0	
1 h	5 m	54'0	368'3	)	194'0	

Apr 20 next

bonis

also next.

8 h	57 m	27'0	369,0	)	195,1	t = 13'4
9 h	7 m	17'0	173,9	)	195,1	
10 h	45 m	31'0	173,6	)	196,0	t = 13'75
	55 m	30,5	369,6	)	196,0	
11 h	5 m	10'0	173,5	)	196,1	
	15 m	-0,5 0.	369,7	)	196,2	

felhötten 1 h. 3 m 3,5 173,2 196,8 t = 13°9
 12 m 53 m 370,0

1 h 52 m 10,5 370,0 196,8
 2 h. 2 m 0 0 173,2 t = 14°0

5 h 8 m 39,5 370,0 196,3 t = 14°0
 18 m 29,5 173,7

6 h 17 m 26,0 174,0 t = 15°95
 37 m 5,0 174,1 195,7
 46 m 54,0 369,8 13°95

Körben Kihayrak

1 h 49 m 21,5 346,7 !! (Märjö öjning)

Körben Kihayrak

21 h 52 m 50,0 350,6 13°9

8 h 2 m 40,5? 191,7

12 m 29,0 354,8

9 h 11 m 25? 362,1

at commutatorokat megintzitolttam.

changtelt megintzitolttam, megnyitlam.

Vij somus. 12 h 8 m körül 349,0

Apr 21. 1 h. 7 m körül 361,2

37 --- 181,0

47 --- 364,6

3 h 54 m 13,5 176,9 191,4

4 h 4 m 2,5 368,3 t = 14°8

13 m 52,0 176,7 191,6

5 h 52 m 6,0 176,0 t = 14°6

6 h 1 m 55,5 369,2 193,2

11 m 45,0 175,9 193,3

11 h 16 m 18,0 369,05 t = 14°3

	Time	Height	Temp	Wind	Pressure	Humidity	Notes
	11h	35m	57.0A		369.05		$t = 14.3$
		45m	46.5A		176.05		193.0
Körben / Körben							
Apr 22a	7h	50m	58.5		368.9		192.3
Alto	272.2	8h	6m	48	176.6		$t = 14.5$
	9h	15m	2		369.8		193.9
Scout		25m	23.5		175.9		194.1
		35m	13.5		370.0		
Scout	10h	14m	31.2		370.0		194.5
		24m	20.5A		175.5		
	11h	13m	27.5		370.4		
		23m					
	1h	40m	49.0		175.0		$t = 14.95$
		50m	38.5		370.9		195.9
	2h	0m	28.0		175.0		195.9
	3h	9m	14.5		371.0		15.05
		19m	3.5A		175.0		196.0
	4h	27m	50.0A		371.05		
		37m	39.5A		175.0		196.05
							15.05
	6h	15m	53.0A		175.7		15.0
		25m	43.0A		370.8		195.3
							15.0

berillium - ~~per~~ peridotum helyhat ejve

Alto	272.2	6h	35m	32.5A	175.8		194.5	15.03
			45m	22.1	370.3		194.4	
			55	11.50	175.9			
		7h	5	1.1	370.25		194.35	$t = 15.06$
		8h	13m	47.0	175.3		195.7	$t = 15.08$
			23	36.50	371.0			
		11h	30m	16.1	195.8			(Kihagyott, rögzítési hely hat) A commutator hat megfigyelés.
		1h	18m	16.1	350.1			$t = 16.4$

Azis 23 mmt 7h. 51m 18.0° 270.1 $t = 17^{\circ}1$
 8h 1m 9.0° 177.7) 192.4
 10h 8m 51.5° 371.6 $t = 17^{\circ}4$

Kizhik elozzati 10h 28m 30.5° 371.7 $t = 17^{\circ}2$
 11h 17m 38.0° 176.9) 194.4 $t = 16^{\circ}7$
 27 27 371.2

ch ablatohat hi- \rightarrow 12h 16m 35.0° 179.4) 190.9 $t = 15^{\circ}7$
 myi toshuk. 26m 24.0° 370.3) 190.2
 36m 13.5° 180.1) 189.7 $t = 15^{\circ}8$
 46m 3.0° 369.8) 188.8
 55m 52.5° 181.0) 187.9
 1h 5m 42.0° 368.9) 187.9 $t = 15^{\circ}6$

MAJARA
 TUDOMÁNYOS AKADÉMIA
 KÖNYVTÁRA

ch ablatohat becsulom. 3h 42m 53.0° 369.1) 189.3 $t = 16^{\circ}2$
 52m 42.5° 179.8) 189.4
 4h 2m 32.0° 369.2) 189.8
 12m 21.5° 179.4
 5h 50m 36.0° 178.7 $t = 16^{\circ}1$
 6h 10m 15.0° 178.5) 192.2
 20m 4.0° 370.7) 192.3 $t = 16^{\circ}05$
 29m 53.5° 178.4

Alis 27.8 8h 17m 57.5° 370.2 $t = 15^{\circ}7$
 27 27 179.1) 191.1

~~be a kizhik 8h 27m 22.0° 370.1 191.0~~

be lekuna Kizhik 8h 27m

12h 13m 44.0° 371.8 $t = 16^{\circ}7$
 23m 33.5° 177.3) 194.5

2h 1m 48A 177.2 } 194.85 t=16.8
 11m 37.5 372.05

24h 55m 28A 178.2 } 193.5 t=17.2
 8h 5m 17.5A 371.7
 Wdh 272.8

~~24h~~ Käyha Kivuton 8h. 5m Kur.

9h 14m 4A 178.9 } 192.0 t=16.7
 53 21.5 179.1

10h 3m 11.0A 371.1 } 190.5 t=16.6

11h 11m 57.0A 180.0 } 190.5 t=16.7

21m 46.5 370.5 } 190.5

31m 36.0 180.0

12h 20m 43.5 370.3 } 190.25 t=16.7
 30m 33.0 180.05

3h 37m 13.0 370.95 } 191.2 t=16.7

47m 2.0 179.75 } 191.25

56m 51.5 371.0

6h 24m 13.0A 180.0 } 191.0 t=16.2

34m 2.5 371.0 } 191.0

43m 52.0 180.0

10h 59m 17.5 180.7 } 189.6 t=15.9

11h 9m 7.0 370.3

2h 57m 57.0A 370.7 } 190.5 t=15.7

15m 46.5 180.2

25ihen

d.u. 3h 31m 32.0A 373.2 } 194.5 t=16.0

41m 21.5A 178.7 } 194.3

51m 11.0A 373.0

4h 1m 0.5A 178.7 } 194.3

11h töred este ajóra áll.

26. máj d. e 12h30m hor ajórat megindítottam.

este 11h 54m 13'51

180'2) 192'5

+ = 15'3

12h 4m 3'0

372'7

MAJYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

230

250

270

(Helo' 2500)

181.7

46m 37.0

47m 32.5

48m 28.2

318.3

12m 8.3

10m 8.5

8m 10.8

196.4

58m 45.3

57m 41.0

56m 39.0

7m 4.6

9m 19.8

11m 31.5

5m 49.9

7m 0

8m 10.5

305.2

5m 3.7

49.5

- 3m 20.7

303.4

- 200.7

$$T = T_2 + \frac{T_1 - T_2}{1 + \delta}$$

160.5

26.2

106.1

gm 45.14

gm 45.24

gm 45.4

318.3

318.3

305.2

$\delta = 0.892$

$$T = gm 45.24$$

181.7

196.4

196.4

0.892

136.6

121.9

108.8

$E_1 = 253.7$

A multiplikator a megjelölt időben megindultam.

Fordulópontok:

kihagyott!!

$$\frac{1348}{578} : 77 = 17$$

4h 41m 281.2

4h 51m

277.4

5h 1m 286.9

5h 11m

209.9

5h 51m

(214) kihagyott!!

6h 0m 284.3

1h 2m

183.1

6h 20m 291.2

1h 12m 317.9

6h 30m

206.1

~~Minim~~ 22

6h 50m

207.1

r. 8 h. 29m

319.2

8h 10m

189.8

38 1/2

182.0

137.2

8h 28m

188.1

49

319.2

12h 52m 317.9

59

182.0

1-9.9

9h 35' ~~levegő~~ oda 11 helyre

9 h. ke dalam kerucut 55° C. udara

10h 7m	320.5	t = 9°5
17	180.9	t = 9°5
46	320.8	9°5
55	180.7	9°5

dyat pengamatan ideje { 2.3 A
2.0
2.3

11h 41m	320.8	10.0
12h 21m	320.9	9.9
1h 40?	320.7	l = 9.9
1h 50	181.2	"

MAJLIS KONGRES
TUMBUH BANGSA
KONVENSIA

14.50h. Mij yg dalam kerucut udara tepat

3h 57m	320.1	10.0
4h 36.	320.1	
4h 46	181.8	10.1 - chromometer
5h 44	182.0	T = 9' 47" 1/2
5h 55	319.9	T = 9' 47" 1/2
7h 14m	319.7	l = 10.0

Dem Chromometer
et mind a ket Karkha.

Dr. Pekis isak keron kit pitudat as in lilekperatan dia
eukhni!

10h 40m	183.2	10.0
10h 50m	319.8	10.0
11h 4m 25.0 A	5m 7.5 A	5m 51.3 A
11 m 58 (	9m 35.0 (	8 m 27 (
15. m 30.8	14m 42.5	19m 54.0
8 m 27.7 (	10m 9.5 (	17 m 53.7 (
23m 58.5	24m 52.0	25m 47.7
2m 38.1	- 34.5	- 3m 51.0
83.6	18.2	122.1

330.0 330.0 312.9
 152.3 171.7 171.7

 177.7 158.3 141.2

$\rho = 0.891$
 0.892

 0.8915

$T = \text{gm } 51.3$
 51.3

 51.6

gm 51.44

$t = 10.0^\circ\text{C}$

dy elektro contactus 11h 3gm 0.5A } $t = 10.0^\circ\text{C}$
 r. 8h. 19gm 42.50 } ~~$T = 9.49^{25}$~~ $T = 9.49^{25}$

Maximum 23 rppp } Skutali rot 174 C
 10 20² jar a multiplicatio:

r.n.	4h	21m	357,3	$t = 11.0$
plus id.	4h	30m	54,00 ²	---
	4h	40m	43,0.	357,17
	"	50m	33,5	254,1
	5h.	0-	22,0	351,9
		10m	12,0	254,0
		20m	1,00	352,0
	6h.	18m	37,0.	352,1
		28m	47,00	254,1

este 6h. 30m 25 centime 1 ob. hódvianak ibon koron
 20 este 10h. kimondt. $t = 11.0$

11h 15 nem fogat, az accumulatorok

nyenezh! Kihapavoltan.

Maximum 24

Allo 24gg	1 ora ibon multiplicatio	4h 35m	313.9	12.0	✓
		4h 45m	191.4	12.0	
$T = 9.49^{43}$	x	7h. 22m 4s	161,9	$t = 11.08$	
		7h. 31m 54s	348,3		
		7h 6m	352.2	11.5° C	
		7h 16m	157.8	11.5	
25 h r. rppp.	8h. 37m	47,50	354,0	---	11.5
		47m	37,5	157,80	
	12h	53m	14	355,7	
	1h	3m	4,5	156,4	

$t = 11.06$

berhitung

25.02.64 6 h 46m 53,51 355,6 } 1948 L = 11°8
6 h 36m 44,00 158,2

T = 9m 49,44
hari 26. de } 11h 2m 354,1 } 1948 t = 11°6
11h 12m 159,3 t = 11°6
10h 50m 358,0 t = 11°9
10h 59m 28,51 157,1 } 2009

MAJLIS
PENYELIDIKAN
KEMENTERIAN
PERTANAHAN

0.976 sec.

5h gm 32.1

28 21

18 4g

gm 24.5 sec.

Subyoh esyut hini ahnd

4 in byuk

6 in byuk

3 gm 47.5 s.

4g 24.5

g 37.0

6 in byuk

Subyoh esyut

5h 5gm 29.1

6h gm 22

gm 53

6 in byuk
his ny lew

24

9.7

13.5 10.5

may 14

~~del~~

may 14 6 in byuk

Kis ny 117.5 m

6h 28 m 24 s

38 m 10 s

gm 46

Kis ny 118.0

erte 7h 0 m 21 s

may 15 7h 26 m 11 s

del

7h 25 m 50 s

Total 586.0 s = gm 46.0 s

may 15 6 in byuk

Kis ny 118.5

770. r kiteres

may 15 del.

7h 56 m 21 s

16 del. u

5h 57 m 21 s

gm 46.4 s

28h 1 m 0 s

1.5

330.8	311.7	311.7
151.3	151.3	169.5
<u>179.5</u>	<u>160.4</u>	<u>142.2</u>

0.894 } 0.890
0.887

10 ^m 46.8 ^A	g ^m 17.8 ^A	g ^m 47.2 ^A
8 39.0	10 ^m 19.0	12 ^m 15.2 ^A
<u>2 7.8</u>	<u>1 1.2</u>	<u>4 14.3</u>

6g 124.1
34.1/2 6g 124.1
193.1/2

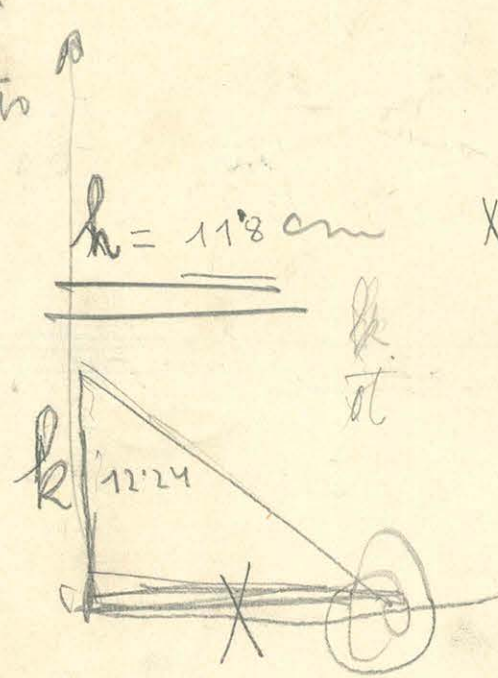
127.8	— 61.2	— 254.3
<u>67.5</u>	<u>32.4</u>	<u>134.8</u>
<u>g 46.5</u>	<u>g 46.6</u>	<u>g 46.7</u>

Tiede

~~g^m 46.6^A~~
586.6
46
40
40
600
0.9766 sec ||

AYAN
ADDITIONAL ARABIAN
KONVYAKA

56.5
30.0
10.0
21.5
11.80



$$X = \frac{h}{\sqrt{2}} = \frac{11.8}{1.4142} = 8.34$$

~~h/d~~ $\frac{x}{h} = \tan \alpha$

$$x^2 + h^2 = d^2$$

d = 14.83
34.1/2

h = 12.24

69.56
149.82
219.38



ford 250 horizontal

$$\frac{1}{2} 2\alpha = \frac{200}{1500}$$

230 250 270

ford

$$\frac{1}{2} \alpha = \frac{10}{150}$$

230 250 270

$$\begin{aligned} \log 150 &= 1.1761 \\ \log \frac{1}{2} \alpha &= 8.8239 - 10 \end{aligned}$$

ford 230 250 270

$$\alpha = 22'$$

$$\alpha = 40'$$

~~468~~

6.5

ford

$$T = T_2 + \frac{T_1 - T_2}{1 + \theta}$$

~~65.0~~
384.1
40

240 220 200

41' 48.6 75.5 102.3

190.8
65.0
125.8
80.4
384.1
464.5
240

~~199.8~~
60.8

220 240 260

210 230 250

89.8

11h

51'

27.7

58.4

88.3

354.4

330.8

685

343

12h

89.8

79.0

45.4

12.0

128.9

218.7

109 40
35

50.0

87.7

24.6

250

230

240

330.8

12' 20' →

55.0"

21' 36.8"

96.8"

22' 20"

140.0"

311.7

37 41.8"

161.8"

20' 52.6"

114.5"

30' 7.0"

67.2"

151.3

← 12' 29'

311.7

12' 40' → 20.8'

41' 15.6"

73.6

12' 47"

128.7

169.5

Nagyjából két lyukból, hisz mely ~~118.8~~ 118.8
 márc 16 d.u. 6h 25m 30s.
 17 d.e. 11h 12m 10s
16 46 40

gm 46'4s

Rúd lencze ideje gm 46'6s.

Rúd fele 12'24 cm

Vertik. átmérő 11'8 cm.

Horizont. " 8'34 cm

Súlyos kavola 29'7 cm

A két állás bejárata szög $68\frac{2}{3}^\circ$

A két helyzet köz. (múlt yplithada's nélkül) 7'70. v

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

1891. március 27. délelőtt.

objektív 294

chronom jár 27^h óra.

10^h 30^m lempenárca = +5° 90

370	10	44	12.0	3.0
360			15.0	3.4
350			18.4	3.6
340			22.0	3.5
330			25.5	3.5
320			29.0	3.4
310			32.4	3.6
300			36.0	
300		58	24.3	4.7
310			26.0	4.1
320			30.1	4.9
330			35.0	4.1
340			39.1	4.9
350			44.0	4.4
360			48.4	4.6
370			53.0	
360	11 ^h	12	50.1	6.0
350			56.1	5.9
340		13	2.0	6.1
330			8.1	
335		27	14.1	8.0
345			22.1	8.0
355			30.1	
355		41	27.8	10.4
345			38.2	10.8
335			49.0	
117.8		48	30	
335		55	49.5	14.2
345		56	3.7	14.8
355			17.3	
513.45	12 ^h	2	50	
355		9	58.8	18.2
345		10	17.0	18.9
335			35.9	
215.1		17	10	
335		24	21.4	24.7
345			46.1	24.9
355		25	11.0	
439.9		31	30	

345	12 ^h	38	55.0
343		39	1.3
341			8.0
270.4		45	50
341		53	12.4
343			21.0
345			29.9
398.0	1 ^h	0	10
345		7	30.5
343			42.0
341			53.8
301.95			

1^h 10^m lempenárca = +6° 15

Atmósfer 243,1

$l_0 = 11^h 27^m 20,6$

$l_0' = 11^h 41^m 40,2$ $a = 1^h 26^m 0,8 = 5760,8$

$b = 1^h 26^m 42$

$b - a = +4$

$l_6 = 12^h 53^m 21,4$

$l_6' = 12^h 7^m 41,4$

$\frac{a + b \lambda}{6(1 + \lambda)} = 860,162$ $\lambda = 1,05$ $\text{cos } 0,075$

$T_0' = 860,177$

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

105
2.1

$T_0 = 860,114$

1600
1640
1640,1

42
172

1891: mörcean 27 delat an
 temperatura: +5.92

270 3h. 35m. 8.0
 230 17.2
 240 18.5
 250 23.8
 260 29.1^ε
 270 34.5 -
 280 39.7^u

280 46m. 10.1 m
 275 17.2 0
 270 16.4 -
 265 19.6 -
 260 27.1^ε
 255 26.4
 250 29.8

260 56m. 49.6^ε
 265 27.5 1
 270 27.7 -
 272 57m. 1.8 0
 280 6.0 m

total 498.2

275 4h. 7m. 27.5 0
 270 29.6 -
 265 44.6 1
 total 85.8

265 18m. 14.3 1
 270 20.4 -
 275 total 419.8

275 28m. 24.7 0
~~270^ε~~
 - 268 29m. 2.3 -
 265 10.0 1
 total 149.11
 265 39m. 37.6 1
 268 39.3 0
 270 43.0 -
 272 46.9 +
 275 52.4 0
 total 368.3

275 50m. 13.4 0
 272 20.3 +
 270 25.0 -
 268 29.7 0
 total 190.7

268 5h. 1m. 0.0 0
 270 5.4 -
 272 11.3 +
 total 234.8

272 11m. 40.7 +
 270 47.6 -
 268 54.7 0
 total 217.9

270 22m. 27.4 0 -
 272 26.1 +
 total 312.5

temperatura: +6.15

Elongatio

412.4
 324.0
 270.7
 219.2
 177.6
 144.1
 116.9
 94.6

d
 0.810
 810
 810
 810
 811
 811
 809

T

260	641.7	270	641.6	280	641.8
265	641.6	"	41.6	275	641.5
"	41.5	"	41.4	"	41.4
"	41.3	"	641.3	"	41.4
"	41.3	"	41.4	"	41.4
268	641.3	"	41.3	"	41.3
"	41.4	"	41.3	272	641.3
"	41.2	"	41.2	"	41.3
		"	41.1	"	41.0

Expansio

270.4
 270.3
 270.2
 270.2
 270.2
 270.3
 270.2

Adm 270,2 m

$l_0 = 2h \cdot 46m \cdot 16,1 \quad 57208$

$l_0' = 2h \cdot 56m \cdot 58,1 \quad a = 1h \cdot 25m \cdot 30,8$

$b = 1h \cdot 25m \cdot 30,2$

$l_1 = 5h \cdot 11m \cdot 46,9 \quad b-a = -0,6$

$l_1' = 5h \cdot 22 \cdot 28,5$

$\frac{a+bl_1}{8(1+d)} = 641,316 \quad \lambda = 1,27 \quad \text{Cord } 0,099$

$T_0 = 641,217.$

MAGYAR
 TUDOMÁNYOS AKADÉMIA
 KÖNYVTÁRA

335

44	23.8	853.2	-14.9	1732	9292	-8.50	859.60
58	37.0	868.1					59.89
13	5.1	849.0	+19.1	2810	0370	+10.89	60.13
27	14.1	874.9	-25.9	4133	1693	-14.77	60.11
41	49.0	870.5	+34.4	5366	2926	+19.61	60.23
55	49.5	886.4	-45.9	6618	4178	-26.17	60.21
10	35.9	825.5	+60.9	7846	5405	+34.71	
24	4.4						

345

44	20.2	861.4	+3.9	5911	3471	+2.22	59.11
58	41.6	857.5	-5.5	7404	4964	-3.14	60.13
12	59.1	863.0	+6.9	8388	5948	+3.93	60.11
27	22.1	856.1	-9.4	9731	7231	-5.36	60.23
41	38.2	865.5	+12.2	0864	8424	+6.96	60.21
56	37	853.3	-15.8	1987	9547	-9.01	
10	17.0	869.1					
24	46.1						

355

44	16.7	869.5	+22.6	3541	1101	+12.88	859.72
58	46.2	846.9	-30.1	4786	2346	-17.16	59.86
12	53.1	877.0	+39.3	5944	3504	+22.41	60.03
27	30.1	837.7	-51.8	7143	4703	-29.53	60.14
41	27.8	821.5	+68.0	8325	5885	+38.77	60.26
56	17.3	912.2	-90.7	9576	7135	-51.70	60.09
10	17.0						
24	46.1						

341

10	24.6	851.6	-20.2	3054	0612	-11.51	60.29
24	36.2	871.8	+27.4	4378	1938	+15.62	60.02
39	8.0	844.4	-37.0	5682	3243	-21.10	60.30
53	12.4	881.4					
7	53.8						

343

10	20.8	860.4	+0.3	4771	2329	+0.17	60.17
24	41.2	860.1	+0.4	6021	3581	+0.23	59.93
39	1.3	859.7	-1.3	1139	8700	-0.74	60.26
53	21.0	861.0					
7	42.0						

345

10	17.0	869.1	+20.2	3054	0612	+11.51	60.41
24	46.1	848.9	-26.0	4150	1710	-14.83	60.07
38	55.0	874.9	+34.3	5553	2914	+14.56	60.16
53	29.9	840.6					
7	30.5						

117.8	+0.45	118.25	394.33	59586	87754	17543	24410	35176	22478	343.03
513.45	-0.87	512.58	297.44	47340	87782	7548	24423	22917	169.50	343.08
215.1	+1.04	215.14	224.50	35122	87782	7538	24398	10724	128.01	343.15
439.9	-0.26	439.64	169.24	22850	87728	7534	24388	98462	96.52	343.12
270.4	+0.00	270.40	127.51	10554	87704	7526	24368	86186	72.76	343.16
398.0	-0.09	397.91	95.96	98209	87655					
301.95	+0.00	301.95								

МАХАР
 ИСТИҚАТ
 КОМПЛЕКСИ

1891. mārōrius 27. Dēlētō

1891. március 28. délelőtti.

objektív = 210

óra jár 50^h óra

10^h 38^m hőmérséklet = +6.00

300	10 ^h	35 ^m	40.2		275	11 ^h	39	51.0	11.3	
290			—	6.8	265		40	2.3		
280			47.0	3.0	255			14.0	11.7	
270			50.0	3.1	<u>104.2</u>		45	10		
260			53.1	3.2	255		50	29.1	14.1	
250			56.3	3.6	265			43.2		
240		36	0.0	3.1	275			57.2	14.0	
230			3.1	3.3	<u>395.75</u>		55	55		
220			6.4	3.4	275	12	1	8.0	17.1	3.4
210			9.8		265			25.1	17.8	3.6
					255			42.9		
210		46	11.9	3.5	<u>159.55</u>		6	40		
220			15.4	3.9	255		11	44.3	21.5	4.3
230			19.3	4.2	265		12	5.8	21.5	4.3
240			23.5	4.2	275			27.3		
250			27.7	4.1	<u>350.95</u>		17	15		
260			31.8	4.0	267		22	43.0		
270			35.8	4.1	265			48.2		
280			39.5	4.1	263			53.4		
290			44.0	4.0	<u>195.85</u>		28	0		
300			48.0		263		33	21.4		
					265			28.0		
280		57	8.8	4.4	267			36.2		
270			17.2	5.3	<u>321.65</u>		38	40		
260			18.5	4.9	267		44	31		
250			23.4	5.0	265			4.2		
240			28.4		263			19.0		
250	11 ^h	+27	48.1	6.1	<u>279.65</u>		49	20		
260			54.2	6.6	263		54	39.9		
270		+38	0.8	6.1	265			49.8		
280			6.9		267			59.8		
275		18	32.0	7.1						
265			39.1	7.9						
255			47.0							
<u>20.0</u>		23	50							
255		29	41.2	9.2						
265			20.4	9.6						
275			30.0							
<u>464.0</u>		34	30							

MAGYAR TUDOMÁNYOS AKADÉMIA KÖNYVTÁRA

12^h 58^m hőmérséklet = +6.20

1891. mai cazi 28 delimitari

Temperatura: +6.10

310 3h. 36m. 41.61
 320 49.2 +
 330 56.7
 340 37m. 9.4
 350 12.2
 360 20.2
 370 78.0

333 50m. 49.4
 320 59.6 +
 315 51m. 4.60
 310 9.81

total 79.2

310 4h. 5m. 18.21
 315 25.00
 320 31.7 +

total 493.3

320 19m. 35.9 +
 315 44.70
 310 53.81

total 181.3

310 33m 53.1

314 39m. 2.4 -

315 4.40

316 7.20

320 16.6 +

total 416.1

320 48m. 9.4 +

316 21.80

315 24.90

314 27.9 -

310 40.81

total 239.1

314 5h. 2m. 40.4 -

315 44.80
 316 48.90

total 372.4

316 16m. 59.70

315 17m. 5.00

314 10.6 -

total 272.0

temperatura: +6.25 C.

Elongatio	J	Egyensuf
414.1	0.753	315.4
312.0	753	315.3
234.8	754	315.2
177.0	753	315.1
133.3	753	315.1
100.4	753	315.1

T

320	859.7		310	859.7
"	60.1	315	860.1	" 60.1
"	59.9	"	59.7	" 60.0
"	60.1	"	60.1	" 60.1
316	60.0	"	60.2	314 59.9
"	60.1	"	60.0	" 60.1

Atmunkor 315,1 cm

$$l_0 = 3h, 26m \quad 45,5$$

$$l_0' = 3h, 51m \quad 4,5$$

$$l_6 = 5h, 2m \quad 45,2$$

$$l_6' = 5h, 17m \quad 4,4$$

$$\frac{a+bd}{b(1+d)} = 859,964$$

$$d = 1,1$$

Corr. 0,07

$$\underline{\underline{T_0' = 859,987}}$$

Aburca 205, 200

$$l_0 = 11h. 18m 28,4$$

$$l_0' = 11h. 24m 20,7$$

$$l_8 = 12h 44m 10,0$$

$$l_8' = 12h 54m 50,8$$

$$\frac{a + b\lambda}{8(1 + \lambda)} = 641,359$$

$$a = 14. 25m 31,1 = 5131,1$$

$$b = 14. 25m 30,6 = 5130,6$$

$$b - a = -0,5$$

$$\lambda = 1,2$$

$$\text{Cur} = 0,70$$

$$\underline{\underline{T_0 = 641,286}}$$

255		2577	
35 54.7	635.1	2041	9464 -8.84
46 29.8	651.1	3201	0624 +11.54
57 20.9	630.2	4099	1522 -14.20
7 51.1	655.9	5011	2434 +17.52
18 47.0	624.2	5866	3289 -21.32
29 41.2	662.8	6785	4207 +26.34
40 14.0	615.1	7686	5105 -32.40
50 29.1	673.8	8597	6020 +39.99
1 42.9	601.4		
11 44.3			

265		2577	
35 51.5	642.3	4771	2194 +0.17
46 33.8	642.0		
57 15.8	641.7		
7 57.5	641.6		
18 39.1	641.3		
29 20.4	641.9	7782	5205 -0.33
40 2.3	640.9	7422	+0.55
50 43.2	641.9		
1 25.1	640.7	0792	8215 +0.66
12 5.8			

275		2577	
35 48.5	649.4	642.17	4855 +9.01
46 37.9	633.1	41.87	2967 0390 -10.94
57 11.0	652.9	41.66	18 32.0 3945 1368 +13.70
8 3.9	628.1	41.47	29 30.0 4757 2180 -16.52
18 32.0	658.0	41.57	39 57.0 5682 3105 +20.44
29 30.0	621.0	41.45	50 57.2 6551 3973 -24.97
39 57.0	666.2	41.35	1 8.0 7435 4854 +30.58
50 57.2	610.8	41.36	12 27.3 8357 5780 -37.84
1 8.0	679.3		
12 27.3			

263		265	
1 28.7	632.8	1 25.1	640.7
12 1.5	651.9	12 5.8	642.4
22 53.4	628.0	22 42.2	639.8
33 21.4	657.6	33 28.0	643.2
44 19.0	620.9	44 11.2	638.6
54 39.9		54 49.8	

267		265	
1 21.7	648.4	1 25.1	640.7
12 10.1	632.9	12 5.8	642.4
22 43.0	651.2	22 42.2	639.8
33 34.2	628.9	33 28.0	643.2
44 3.1	656.7	44 11.2	638.6
54 59.8		54 49.8	

20.0 + 0.57	20.57	442.08	64550	90881	0.8106	25782	38768	244.16	264.73
464.0 - 1.35	462.65	358.35	55431	90946	8118	25811	29620	197.79	264.86
104.2 + 0.10	104.30	290.92	46377	90852	8101	25770	20607	160.72	265.02
395.75 - 0.53	395.22	235.66	37229	90909	8111	25794	11435	130.12	265.10
159.55 + 0.01	159.56	191.15	28138	90856	8101	25770	02368	105.61	265.17
850.95 - 0.24	850.71	154.86	18994	90933	8116	25806	93188	85.48	265.23
195.85 + 0.00	195.85	125.68	09927	90882	8106	25782	84145	69.42	265.27
321.65 - 0.12	321.53	101.88	00809						
219.65 + 0.00	219.65								

MADYAR
TUDOMÁNYOS AKADEMIÁJA
KÖNYVTÁRA

1891. március 28. délután

74
74
168

84 / 16.12

6 / 5159786 / 859964

76
102
178
891

25
59
54
38
26

11

5159784
14
12
28
128

52
14
208
52
70

45
225
51211
225
0275
8 / 5130,875 / 641959
23
28
47.5
0872

1891. március 29. délelőtt

objektív = 293, hőmérséklet 24^h óra.

10^h 45^m hőmérséklet = +6°00

11^h 32^m +5°94

290	11 ^h	29	41.0	4.4	344	12 ^h	86	1.2
300			45.4	4.6	346			6.5
310			50.0	4.5	348			11.4
320			54.5	4.5	441.0	1 ^h	3	5.5
330			59.0	4.7	348		10	18.1
340		30	3.7	4.5	346			24.8
350			8.2	4.8	344			31.3
360			13.0	4.1	274.25		17	20
370			17.1		344		24	38.0
370		44	10.7	5.5	346			46.5
360			16.2	6.3	348			54.4
350			22.5	6.4	348		31	40
340			28.9	6.1	348		38	53.0
330			35.0	6.1	346		39	5.0
320			41.1	6.1	344			16.8
310			47.2	6.2				
300			53.4	6.6				
290		45	0.0					

1^h 35^m hőmérséklet = +6°15

330		58	33.0	8.0				
340			41.0	8.2				
350			49.2	8.1				
360			57.3					
355	12 ^h	12	55.2	10.8				
345		13	6.0	10.8				
335			16.8					
123.9		20	5					
335		27	10.3	14.1				
345			24.4	14.6	4.4			
355			39.0					
513.8		34	20					
355		41	28.0	18.9	5.7			
345			46.9					
335		42	5.9	19.0				
279.95		48	40					

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

Átlag 345,8 m

1. 11. 58 45.7

1. 12 18 55.1 a = 16.26 - 0 = 5160,0

b = 16.26 / 11 = 5160,11

b - a = 1.1

1. 12 24 45.7

1. 16 39 56.2

$$\frac{a + b \cdot d}{b(1 + d)} = 860,079 \quad \lambda = 1,05$$

hő 0,015

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

T₀' = 860,094.

1891. meicenis of delutan
 temperatura: + 6.00

210 4h. 8m. 58.2
 220 9m. 7.4
 230 6.4
 240 10.3
 250 14.5 +
 260 18.6 =
 270 22.6 m
 280 9m. 26.7

270 19m. 55.6 m
 265 57.7'
 260 20m. 0.6 =
 255 33 -
 250 5.4 +
 245 8.3

250 30m. 36.3 +
 255 39.2 -
 260 47.4 =
 265 45.6 l
 270 48.6 m

265 41m. 20.1
 260 73.9 =
 255 27.8 -
19.7 fardul

255 52m. 1.0 -
 260 5.6 =
 265 10.3 l
454.4 fardul

265 5h. 2m. 40.9 l
 260 46.7 =
 255 52.5 -
102.2 fardul

255 13m. 21.3 -
 258 25.6 v
 260 28.3 =
 262 31.2 0
 265 35.2 l
387.6 fardul
 265 24m. 8.4 l
 262 5.6 0
 260 9.2 =
 258 12.5 - v
 255 18.0 -
156.2 fardul

258 34m. 4.0 0
 260 51.4 =
 262 55.0 0
343.7 fardul

262 45m. 25.8 0
 260 31.4 =
 258 36.7 0 v
191.8 fardul

258 56m. 7.4 v
 260 14.1 =
 262 20.9 0
314.9 fardul

262 6h. 8m. 44.7 0
 260 57.0 =
 258 6m. 1.1 v

temperatura: 6.20

Elongatio

434.7
352.2
285.4
231.4
187.5
151.9
123.1

$\frac{4}{2}$
0.810
810
811
810
810
810

Egyenúly

259.9
259.8
259.8
259.8
259.8
259.8

am 259,8

$l_0 = 4h, 30m \quad 24,0$

$l_0' = 82m \quad 5,1$

$t_8 = 5h \quad 56m \quad 12,7$

$l_8' = 6h$

$l_0 = 4h, 30m \quad 42,1$

$l_0' = 4h \quad 41m \quad 24,3 \quad a = 1h \quad 25' 31,3$

$l_8 = 5h \quad 56m \quad 12,7$

$l_8' = 5 \quad 6 \quad 52,8$

$a = 5131,3$

$b = 5129,5$

$b = 25 \quad 29,5$

$b-a = -1,8$

$\frac{a+b}{8(1+d)} = 641,011 \quad \lambda = 1,47 \quad \text{Cor} = 114$

$T_0 = 641,197$

ap. mes. 4 bit

MAHAV
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

T

270	642.0	260	641.9	250	641.9
265	41.9	"	41.4	255	41.6
"	41.5	"	41.6	"	41.7
"	41.4	"	41.4	"	41.4
"	41.4	"	41.3	"	41.3
"	41.3	"	41.3	"	41.3
262	41.1	"	41.5	258	41.3
"	41.1	"	41.8	"	41.3
"	41.7	"	41.2	"	41.2
"	41.1	"	41.0	"	41.0

335		2440			
30 1.3	870.6				
44 31.9	845.1 +25.5	4065	1625 +14.53	859.63	
58 37.0	879.8 -34.7	5403	2963 -19.79	60.01	
13 16.8	833.5 +46.3	6656	4216 +26.40	59.90	
27 10.3	895.6 -62.1	7931	5491 -35.41	60.19	

344					
27 23.0	865.8				
41 48.8	852.4 +13.4	1271	8831 +7.64	60.04	
56 1.2	870.1 -17.7	2480	0041 -10.09	60.01	
10 31.3	846.7 +23.4	3692	1251 +13.34	60.04	
24 38.0	878.8 -32.1	5065	2624 -18.29	60.41	

345		2440			
30 6.0	859.7				
44 25.7	859.4 +0.3	4771	2331 +0.17	859.57	
58 45.1	860.9 -1.5	1761	5321 -0.86	60.04	
13 6.0	858.4 +2.5	3979	1539 +1.43	59.83	
27 24.4	862.5 -4.1	6128	3688 -2.34	60.16	

346					
27 25.9	859.1				
41 45.0	861.5 -2.4	3802	1362 -1.37	60.13	
56 6.5	858.3 +3.2	5051	2612 +1.82	60.12	
10 24.8	861.7 -3.4	5315	2874 -1.94	59.76	
24 46.5	858.5 +3.2			60.32	

355		2440			
30 10.6	848.7				
44 19.3	874.0 -25.3	4031	1591 -14.42	859.58	
58 53.3	841.9 +32.1	5065	2625 +18.30	60.20	
12 55.2	883.8 -41.9	6222	3782 -23.89	59.91	
27 39.0	829.0 +54.8	7388	4948 +31.25	60.25	

348					
27 28.8	852.4				
41 41.2	870.2 -17.8	2504	0064 -10.15	60.05	
56 11.4	846.7 +23.5	3711	1272 +13.41	60.11	
10 18.1	876.3 -29.6	4713	2272 -16.88	59.42	
24 54.4	838.6 +37.9	5763	3322 +21.49	60.09	

MAGYAR
 AKADÉMIA
 KÖNYVTÁRA

123.9 + 0.40	124.30	388.61	589.51						
513.8 - 0.89	512.91	292.93	466.77	877.26	0.7538	24398	34553	221.58	345.88
219.95 + 0.03	219.98	220.75	34390	877.13	7.536	24393	22284	167.05	345.86
441.0 - 0.27	440.73	166.48	22136	877.46	7.541	24406	09984	125.84	345.82
274.25 + 0.00	274.25	125.60	09899	877.63	7.544	24413	97720	94.89	345.84
399.95 - 0.10	399.85								

1891. március 29. délelőtt.

1891. március 30. délelőtt

olyérelés = 220

átmoz. jór. 46^h óra-

10^h 25^m hőmérséklet = +5° 58

320	10 ^h	29	10.0	7.6		255	11 ^h	44	34.0
300			17.6	8.4		257			41.2
290			26.0	8.0		259			48.0
280			34.0	8.0		309.75		19	50
270			42.0	8.0		259		55	15.5
260			50.0	8.1		257			24.1
250			58.1	8.2		255			32.8
240		30	6.3	7.9		214.8	12	0	30
230			14.2			255	12 ^h	5	52.4
539.1	10	29	25			257		6	9.0
28.7		35	5			259			13.3
245		40	21.8	10.0		291.8		11	10
255			31.8	10.2		259		16	34.2
265			42.0			257			47.5
442.1		45	45			255		17	0.8
265		51	5.9	12.1					
255			18.0	12.0					
245			30.0						
107.2		56	30						
245	11 ^h	1	38.2	15.1					
255			53.3						
265		2	8.2	14.9	3.0 6.0				
378.7		7	5						
265		12	23.2	18.8	2.2 7.5				
255			42.0	18.9					
245		13	0.9						
158.75		17	50						
255		23	14.5						
257			18.9						
259			23.3						
337.0		28	30						
259		33	55.4						
257		34	12						
255			6.9						
192.55		39	10						

12^h 20^m hőmérséklet = +6° 20

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

1891. maierim 30 delentan
 Temperatur: ~~6.02~~ 6.02

340 2h 48m. 12.3 n
 335 19.8 0
 330 27.2 e
 Forchul 175.3

Elongatio

278.9
 210.0
 158.1
 119.1
 89.8

330 3h 2m. 33.3 e
 335 43.3 0
 340 53.4 n
 Forchul 454.2

340 16m. 46.0 n
 335 59.4 0
 334 17m. 1.8 v
 333 4.5 -
 330 12.5 e

g
 0753
 753
 753
 754

Forchul 244.2

330 31m. 6.8 e
 333 17.1 -
 334 20.8 v
 335 24.3 0
 340 42.0 n
 Forchul 402.3

Eypensuf

334.4
 334.4
 334.4
 334.4

335 47m. 78.2 0
 334 47.8 v
 333 47.5 -
 Forchul 283.2

333 59m. 52.8 -
 334 59.4 v
 335 4h. Om. 5.7 0
 Forchul 373.0

335 14m. 15.8 0
 334 24.0 v
 333 32.8 -

T

330	860.3	335	860.3	340	860.3
"	59.9	"	59.9	"	59.9
333	60.3	"	60.2	334	60.3
"	59.6	"	59.7	"	59.7
	60.2		60.0		60.2

Temperatur: 6.23

224,4

$l_0 = 26 \quad 2m \quad 42,1$

$l_1 = 17 \quad 0,8$

$l_2 = 46 \quad 0m \quad 1,9$

$l_3 = 44 \quad 18m \quad 20,6$

$a = 57m \quad 19,80 = 2429,8$

$b = 57m \quad 19,80 = 2429,8$

$\frac{a+b}{2} = 859,950$

$l_0 = 21.48m \quad 20,7$

$l_1 = 31 \quad 2x \quad 42,1$

$l_2 = 36 \quad 45- \quad 89,9$

$l_3 = 46 \quad 0- \quad 1,9$

$a = 0440,2$

3440,028

$b = 2429,8$

$b - a = -0,4$

$\frac{a+b}{2} = 860,007$

16
17

MAOTAR
FUSION OF AKADEMA
KONYIARA

3
9
3
2
2

Ann. 257,2 m

$$t_0 = 10h, 40m \quad 34,00$$

$$t'_0 = 10h \quad 51m \quad 15,30 \quad a = 1h, 25m \quad 20,00 = 5120,6$$

$$t_8 = 12h, 6m \quad 4,00$$

$$l = 1h, 25m \quad 20,00 = 5120,6$$

$$b - c = 0,9$$

$$t'_8 = 12h, 16m \quad 46,2$$

$$\frac{a + b \cdot d}{8(1 + d)} = 641,201$$

$$d = 0,9$$

$$\text{Ann. } 1,042$$

$$\underline{\underline{T_0 = 641,25g}}$$

245		2580			
30 2.2	619.6				
40 21.8	-48.6	6866	4284	-26.81	641.39
51 30.0	668.2				
1 38.2	608.2	+60.0	7782	5201	+33.14
13 0.9	682.7	-74.5	8722	6141	-41.12

255					
1 53.3	648.7				
12 42.0	+16.2	2095	9518	+8.95	41.45
23 14.5	632.5				
34 6.9	652.4	-19.9	2989	0412	-11.00
44 34.0	627.1	+25.3	4031	1454	+13.98
55 32.8	658.8	-31.7	5011	2430	-17.50
5 52.4	619.6	+39.2	5933	3356	+21.66
17 0.8	668.4	-48.8	6884	4307	-26.96

255		2580			
29 54.1	637.7				
40 31.8	-8.5	9294	6712	-4.69	
51 18.0	646.2				
1 53.3	635.3	+10.9	0574	7796	+6.02
12 42.0	648.7	-13.4	1271	8690	-7.40

257					
1 56.3	641.9				
12 38.2	+1.2	0792	8215	+0.66	
23 18.9	640.7				
34 1.2	642.3	-1.6	2041	9464	+0.82
44 41.2	640.0	+2.3	3617	1040	+1.27
55 24.1	642.9	-2.9	4624	2043	-1.60
6 3.0	638.9	+4.0	6021	3444	+2.21
16 47.5	644.5	-5.6	7482	4905	-3.09

265		2580			
29 46.0	656.0				
40 42.0	+32.1	5065	2483	+17.71	641.61
51 5.9	623.9				
2 8.2	662.3	-38.4	5843	3265	-21.20
12 23.2	615.0	+47.5	6749	4168	+26.11

259					
1 59.3	635.2				
12 34.5	-13.6	1335	8752	-7.51	641.29
23 23.3	648.8				
33 55.4	632.1	+16.7	2227	9650	+9.23
44 48.0	652.6	-20.5	3118	0541	-11.33
55 15.5	627.5	+25.1	3997	1416	+13.86
6 13.3	657.8	-30.3	4814	2237	-16.74
16 34.2	620.9	+36.9	5670	3093	+20.39

MAGYAR
 HUDOMÉNYTÖRTÉNETI
 KÖNYVTÁRA

539.1	-267	536.43							
28.7	+0.58	29.28	507.15	70523					
442.1	-0.91	441.19	411.91	61480	90957	0.8120	25816	44707	279.94
107.2	+0.12	107.32	333.87	52358	90878	8106	25782	35698	207.50
378.7	-0.33	378.37	271.05	43305	90947	8118	25811	26547	184.27
158.75	+0.02	158.77	219.60	34163	90858	8102	25773	17532	149.73
337.0	-0.13	336.87	178.10	25066	90903	8110	25768	08395	121.33
192.55	+0.00	192.55	144.32	15933	90867	8103	25775	99291	98.38
309.75	-0.06	309.69	117.14	06871	90938	8117	25809	90124	79.66
214.8	+0.00	214.80	94.89	97722	90851	8100	25768	81103	64.72
294.8	-0.03	294.77	76.97	88632	90910	8112	25773	71949	52.42

1891. március 30. délelőtt.

Elongatio

461.1
 373.3
 302.3
 245.2
 198.7
 161.0
 130.4

J

0.810
 810
 811
 810
 810
 810

Expansio

266.9
 267.0
 266.8
 266.7
 266.8
 266.7

Integrál értéke után
 nyugaló állapotban 2971.2

T

270	641.7			260	641.7
"	41.6			"	41.6
"	41.5	265	641.5	"	41.4
"	41.5	"	41.4	"	41.5
"	41.3	"	41.3	"	41.5
"	41.4	"	41.4	267	41.4
"	41.3	"	41.3	"	41.3
	41.2	"	41.2	"	41.3
268	41.3	266	41.3		41.1

Átlagérték 266,7 cm

$l_0 = 2h \cdot 28 = 57,2$

$l'_0 = 3h \cdot 28 = 84,6$

$a = 14 \cdot 25 = 350,1$

$b = 14 \cdot 25 = 350,6$

$l_1 = 4h \cdot 50 = 361,4$

$b - a = -0,5$

$l'_1 = 5h \cdot 40 = 171,7$

$\frac{a + b \cdot d}{2(1 + d)} = 641,359 \quad d = 1,54 \text{ és } 0,125$

$T_0 = 641,234$

Magyar Tudományos Akadémia
 Könyvtára

1897. máximum 31 - délélőll.

objektív = 295

chron. jót 24^h óta.

10^h 40^m temperatura = +6°.15

290	10 ^h	47	58.4	
300		48	8.1	9.7
310			17.3	9.2
320			27.3	10.0
330			37.0	9.7
340			46.5	9.5
350			56.2	9.7
360		49	6.4	10.2
370			16.3	9.9
<u>564.0</u>		55	15	

317	12 ^h	28	28.9
315			42.8
313			56.9
<u>280.95</u>		35	35
313		42	43.0
315		43	1.5
317			20.6

12^h 45^m temperatura = +6°.28

380	11 ^h	2	22.4	12.6
320			35.0	12.8
310			47.8	13.2
300		3	1.0	
<u>128.1</u>		9	35	
305		16	45.2	17.1
315		17	2.3	16.9
325			19.2	
<u>456.0</u>		23	55	

3.8 3.8

315^m
 $l_0 = 11h \ 2m \ 41.4$
 $l_1 = 11h \ 17m \ 2.3 \ a = 1h \ 26m \ 1.4 = 576.4$
 $b = 1h \ 25m \ 59.2 = 575.2$
 $l_6 = 12h \ 28 \ 42.8 \ b-a = 2.2$
 $l_6' = 12h \ 43m \ 1.5$
 $\frac{a+b}{6(1+d)} = 860.075 \ \lambda = 0.05 \ \alpha = 0.04$
 $T_0' = 860.079$

317		31	17.3	
315			21.8	
313			26.2	
<u>209.05</u>		38	20	
313		45	36.2	
315			42.5	
317			48.5	
<u>364.95</u>		52	35	

$l_0 = 10h \ 48m \ 22.2$
 $11h \ 2m \ 41.4 \ a = 1h \ 25m \ 59.4$
 $l_6 = 12h \ 14m \ 22.2 \ b = 1h \ 26m \ 1.4$
 $12h \ 28m \ 42.8 \ b-a = 1.5$

$\frac{a+b}{6(1+d)} = 860.098 \ \lambda = 0.9 \ \alpha = 0.11$
 $T_0' = 860.109$

317		59	54.1	
315	12 ^h	0	22	
313			10.1	
<u>255.0</u>		6	55	
313		14	11.8	
315			22.2	
317			33.0	
<u>360.3</u>		21	15	

1891. március 31. délután
 hőmérséklet: +6.12

280 3h. 17m. 17.3
 270 22.2 -
 260 77.0 n
 250 31.5
 240 26.5
 230 41.5 -
 220 46.3
 210 51.3

250 27m. 55.3
 260 28m. 1.4 n
 270 7.2 -
 280 13.2

270 38m. 44.8 -
 265 48.30
 260 52.1 n
 fordul 12.1

260 49m. 22.4 n
 265 77.00
 270 31.4 -
 fordul 473.2

270 4h. 0m. 6.6 -
 265 12.00
 260 17.6 n
 fordul 99.9

260 10m. 42.2 n
 265 49.00
 267 51.70
 270 55.8 -
 fordul 402.2

270 21m. 27.4 -
 267 32.30
 265 25.20
 260 44.3 n

fordul 157.0

265 37m. 10.5 - 0
 267 14.60
 270 20.8 -

fordul 355.7

270 47m. 44.0 -
 268 52.00
 267 54.60
 266 57.01
 265 59.80

fordul 194.7

265 53m. 37.10
 266 39.21
 267 37.50
 268 40.60
 270 46.8 -

fordul 325.1

268 5h. 4m. 12.80
 267 16.40
 266 20.51

MAGYAR
 TUDOMÁNYOS AKADÉMIA
 KÖNYVTÁRA

hőmérséklet: +6.25

305
 2440
 48 127 881.7
 2 54.4 830.8 +50.9
 16 45.2 7067 4627 +29.02 859.82

315
 2440
 48 22.3 859.1
 2 41.4 860.9 -1.8
 17 2.3 2553 0143 -1.03 859.87

325
 2440
 48 32.1 836.6
 2 28.7 890.5 -53.9
 17 19.2 7316 4876 -30.73 859.77

313
 2 44.0 854.9
 16 58.9 867.3 -12.4
 31 26.2 2380 9941 +9.87
 45 36.2 850.0 +17.3
 0 10.1 873.9 -23.9
 14 11.8 841.7 +32.2
 28 56.9 885.1 -43.4
 42 43.0 826.1 +59.0

315
 2 41.4 860.9
 17 2.3 859.5 +1.4
 31 21.8 860.7 -1.2
 45 42.5 859.7 +1.0
 0 2.2 860.0 -0.3
 14 22.2 860.6 -0.6
 28 42.8 858.7 +1.9

317
 2 38.8 866.9
 17 5.7 851.6 +15.3
 31 17.3 871.2 -19.6
 45 48.5 845.6 +25.6
 59 54.1 878.9 -33.3
 14 33.0 835.9 +43.0
 28 28.9 891.7 -55.8



564.0 - 1.60 562.40
 128.1 + 0.39 128.49
 456.10 - 0.35 455.65
 209.05 + 0.05 209.10
 394.95 - 0.08 394.87
 255.10 + 0.01 255.01
 360.13 - 0.03 360.10
 220.95 + 0.00 220.95

433.99 63740
 327.16 51476
 246.55 39191
 185.77 26898
 139.86 14570
 105.26 02227
 79.32 89938

87736 07540 24403 39337 247.38 315.02
 87715 7536 24393 27083 186.57 315.06
 87707 7535 24390 14801 140.61 315.04
 87672 7529 24376 02522 105.98 315.08
 87657 7526 24368 90202 79.80 315.07
 87711 7535 24390 77837 60.03 315.04

1891. március 31. délelőtt.

1891. április 10 - éjjel - kezdő és végi objektív = 218

9^h 35^m temperatura = +7.11

chron. járó 23^h óta -

200	9 ^h	38 ^m	1.0	260	16 ^h	27	54.5	
210			7.0	270		28	11.0	16.5
220			13.1	280			27.4	16.4 4.9
230			19.2	398.6		34	10	
240			25.3					
250			31.4	280		40	17.0	21.0 6.7
260			37.7	270			38.0	
270			44.0	260			59.3	21.3
280			50.3	171.8		46	35	
290			56.2	269		52	51.0	
300	39		3.0	271			56.3	
300	50		44.0	273		53	2.0	
290			52.0	349.2		58	55	
280			59.9	273 11 ^h		5	13.3	
270	51		7.9	271			20.4	
260			15.7	269			27.0	
250			23.9	210.05		11	15	
240			32.0	269		17	31.3	
230			40.0	271			40.1	
220			48.2	273			49.0	
210			56.5	319.1		23	40	
200	52		5.0					
6.3	57		0	273		29	53.3	
220	10 ^h	2	37.4	271		30	4.5	
230			47.3	269			15.3	
240			57.2					
250		3	7.4					
260			17.1					
270			27.5					
280			38.0					
290			48.0					
300			58.2					
478.95	9		25					
280	15		39.9					
270			52.8					
260	16		5.9					
109.05	21		50					

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

a fény mérése az órák, hogy éven véső
átmenet alig vehessen.

11^h 30^m temperatura = +7.24

27.1.1

1₀ = 9^h 57^m 7.0

1₀' = 10^h 3^m 28.7

1₅ = 11^h 5^m 20.0

1₆ = 11^h 17^m 40.5

a = 12.14 - 19.4 = 4453.0

b = 16.14 - 11.80 = 4457.8

b - a = -1.2

$$\frac{a + b}{6(1 + \delta)} = 642,079$$

1891. April 10. ditto ditto

Temperature: 7.0

270 11h. 15m. 1.2
 275 9.5
 280 18.1
 285 26.4
 290 35.1 -
 295 43.7
 300 52.4
 305 16m. 1.3
 310 10.2
 215 19.2
 320 28.3

total 408.4

290 27m. 44.8
 285 55.8
 282 28m. 2.3
 280 6.7
 280 40m. 32.2
 282 37.8
 283 30.8
 285 46.3
 290 41m. 1.4

total 359.0

285 53m. 10.5
 284 15.8
 283 17.6
 282 21.3
 280 28.7

total 223.4

282 5m. 54.1
 283 58.7
 284 6m. 7.3
 285 8.0

total 329.0

284 18m. 89.3
 283 75.4
 282 91.2

total 246.85

282 31m. 9.2
 283 16.9
 284 24.5

total 310.9

284 43m. 42.8
 283 52.6
 282 44m. 2.9

Elongation

$\frac{d}{l}$

Eyemag

287.4	0.778	282.6
223.5	779	282.8
174.1	779	282.7
135.6	779	282.8
105.6	778	282.8
82.15	780	282.8
64.05		

Temperature: 7.2

T

290	759.0	285	758.6	280	758.5
282	59.0	"	59.0	"	58.7
"	58.8	"	59.0	283	58.7
"	59.1	284	59.2	"	59.2
"	58.7	"	58.8	"	58.8
"	59.3	"	59.0	"	59.0

260				2513	
38	37.7	758.0			
51	15.7	+36.6	5635	3122	+20.52
3	17.1	721.4			
16	5.9	-47.4	6758	4245	-26.58
27	54.5	768.8			
40	54.3	+60.2	7796	5284	+33.76
		-76.2	8820	6305	-42.71

269					
28	9.3	750.8			
40	40.1	+19.9	2989	0477	+11.16
52	51.0	730.9			
5	27.0	-25.1	3997	1485	-14.08
17	31.3	756.0			
30	15.3	+31.7	5011	2497	+17.77
		-39.7	5488	3474	-22.25

270				2513	
38	44.0	743.9			
51	7.9	+4.3	6335	3822	+2.41
3	27.5	739.6			
15	52.8	-5.7	7559	5046	-3.20
28	11.0	745.3			
40	38.0	+7.1	8573	6001	+3.98
		-8.8	9445	6930	-4.43

271					
28	12.6	743.3			
40	35.9	+2.9	4624	2112	+1.63
52	56.3	740.4			
5	20.4	-3.7	5682	3170	-2.07
17	40.1	744.1			
30	4.5	+4.4	6435	3921	+2.47
		-5.7	6721	4207	-2.63

280				2513	
38	50.3	729.6			
50	59.9	+28.5	4548	2035	-15.98
3	38.0	758.1			
15	39.9	+36.2	5527	3074	+20.30
28	27.4	-45.6	6590	4078	-25.58
40	17.0	+57.9	7627	5112	+32.45

273					
28	15.9	735.8			
40	31.7	-14.5	1614	9102	-8.13
53	2.0	750.3			
5	13.3	+19.0	2788	0276	+10.66
17	49.0	731.3			
29	53.3	-24.4	3874	1360	-13.68
		+31.4	4969	2455	+17.60

МАСТЕР
 КОПИИ
 КОПИИ
 КОПИИ

6.3	+0.79	7.09							
478.95	-1.47	477.48	470.39	67246	89376	0.7830	25115	42131	263.82
109.05	+0.11	109.16	368.32	56622	89460	7845	25151	31471	206.40
398.6	-0.49	398.11	288.95	46082	89386	7832	25120	20962	162.04
171.8	+0.01	171.81	226.30	25468	89378	7830	25115	10353	126.92
349.2	-0.19	349.01	177.20	24846	89443	7842	25144	99702	99.32
210.05	+0.00	210.05	138.96	14289	89442	7842	25144	89145	77.88
319.1	-0.08	319.02	108.97	0373					

1891. aprillis 10. ejel

1891. április 11. délután.

objektív = 290. chron. járó 43 h óra.

6h 4^m temperatura = +7.14

270	6h	0 ^m	29.0		320	7 ^h	3	52.5	
280			32.9		310		4	62	13.7
290			36.5		300			20.0	13.8
300			41.0		<u>156.7</u>		10	5	
310			44.5		300		16	21.0	
320			48.3	3.8	310			38.2	17.2
330			52.1	3.8	320			56.0	17.8
340			56.2	4.1	<u>434.05</u>		22	55	3.6 7.1
350		1	0.2		320		29	5.3	
360			4.0		310			27.8	22.5
360		13	1.0		300			50.5	22.7
350			5.9		<u>218.0</u>		35	30	
340			11.0		310		41	55.2	
330			16.0	5.0	312		42	1.0	
320			21.0	5.0	314			6.9	
310			25.9		<u>386.05</u>		48	10	
300			31.0		314		54	35.7	
290			36.0		312			43.0	
280			41.0		310			50.5	
270			46.2		<u>255.05</u>	8 ^h	0	50	
290		25	50.0		310		7	10.0	
300			—	6.5	312			19.9	
310		26	3.0	6.2	314			29.2	
320			9.2	6.7	<u>357.05</u>		13	30	
330			15.9		314		19	51.3	
320		38	37.4	8.6	312		20	3.5	
310			46.0	8.1	310			16.0	
300			54.1						
<u>54.95</u>		44	50						
300		51	10.1						
310			11.0	10.9					
320			31.4	10.4					
<u>513.3</u>		57	30						

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

8h 25^m temperatura = +7.29

312,4m

$l_0 = 6h \cdot 17 = 23,5$

$7h \cdot 4 = 2,9 \quad a = 1h \cdot 15 = 58,4 = 4558,4$

$b = 1h \cdot 15 = 58,2 = 4558,2$

$l_6 = 8h \cdot 7 = 21,9$

$l_6 = 8h \cdot 20 = 1,1$

$b - a = -0,2$

$\frac{a+b}{0(1+2)} = 759,719$

275
56
231

1891. április 11. délután

		fordul	488.8
330	11h.	14m.	24.2
325			30.6
320			36.9
315			47.2
310			49.6
305			55.9
300		15m.	2.2
295			8.6
290			15.0
285			21.2
280			27.6
275			34.0
270			40.6
265			47.0
260			53.3
255			60.2
250		16m.	6.4
245			13.2
240			20.0
		fordul	114.7
260	27.		20.9
265			29.0
270			37.0
275			45.2
280			53.3
285		28m.	7.5
290			9.9
295			18.2
300			26.6
305			35.0
			407.8 fordul
285	40m.		0.5
280			10.9
278			14.9
275			21.2
			178.1 fordul

275	52m.	25.0
278		33.0
279		35.4
280		38.1
285		51.6
		358.0 fordul
280	12h. 4m.	52.2
279		56.6
278	5m.	0.0
275		10.2
		217.0 fordul
278	17m.	15.0
279		19.2
280		23.5
		327.4 fordul
280	29m.	39.8
279		40.3
278		45.9
		241.0 fordul
278	41m.	35.8
279	42m.	2.8
280		10.0
		308.8 fordul
280	54m.	14.6
279		23.4
278		32.4

MÁGYAR TUDOMÁNYOS AKADEMIÁ KÖNYVTÁRA

279^o hőmérséklet: 7.30

t₀ = 11h 15m 28.9

t₀' = 11 27m 57.7

t₀ = 12 29m 40.3

t₀' = 12 42m 2.8

a = 1h 14m 10.4 = 4450.4

b = 1h 14m 11.1 = 4451.4

b - a = 0.7

$\frac{a+b}{5(1+b)} = 741.785$

Elangetu

374.1
 293.1
 229.7
 179.9
 141.0
 110.4
 86.4
 67.8

d
 0783
 784
 783
 784
 783
 783
 785

Eysensuf

279.0
 79.0
 79.0
 78.9
 78.9
 78.9
 79.0

T

275	742.1	280	742.1	285	742.2
"	41.9	"	42.8	"	41.9
"	42.0	"	41.9	278	42.0
279	41.8	"	41.8	"	41.7
"	41.9	"	42.0	"	42.0
"	41.7	"	41.8	"	41.7
"	41.7	"	41.7	"	41.6

300		2503			
6 41.0	770.0				
13 31.0	745.5	+24.5	3892	1389	+13.77
25 56.5	777.6	-32.1	5065	2562	-18.04
38 54.1	736.0	+41.6	6191	3688	+23.38
51 10.1	789.9	-53.9	7316	4813	-30.29
4 20.0	721.0	+68.9	8382	5880	+38.73
16 21.0	809.5	-88.5	9469	6967	-49.74

310		2503			
16 38.2	769.6				
29 27.8	747.4	+22.2	3464	0962	+12.48
41 55.2	775.3	-27.9	4456	1956	-15.69
54 50.5	739.5	+35.8	5539	3036	+20.12
7 16.0	786.0	-46.5	6675	4174	-26.14

310		2503			
0 44.8	761.4				
13 25.9	757.1	+4.3	6335	3832	+2.42
26 3.0	763.0	-5.9	7709	5206	-3.32
38 46.0	755.0	+8.0	9031	6528	+4.50
52 21.0	765.2	-10.2	0086	7583	-5.73
4 6.2	752.0	+13.2	1206	8704	+7.42
16 38.2	769.6	-17.6	2455	9953	-9.89

312		2503			
16 41.8	761.5				
29 23.3	757.7	+3.8	5798	3296	+2.13
42 1.0	762.0	-4.3	6335	3835	-2.42
54 43.0	756.9	+5.1	7076	4573	+2.87
7 19.9	763.6	-6.7	8261	5760	-3.77

320		2503			
0 48.3	752.7				
13 21.0	768.2	-15.5	1903	9400	-8.71
26 9.2	748.2	+20.0	3010	0507	+11.24
38 37.4	774.0	-25.8	4116	1613	-14.50
51 31.4	741.1	+32.9	5172	2669	+18.49
3 52.5	783.5	-42.4	6274	3772	-23.83
16 56.0	729.3	+54.2	7340	4838	+30.47

314		2503			
16 48.3	753.5				
29 18.8	768.1	-14.6	1644	9142	-8.21
42 6.9	748.8	+19.3	2856	0356	+10.85
54 35.7	773.5	-24.7	3927	1424	-13.88
7 29.2	792.1	+31.4	4969	2468	+17.65

54.95	+ 1.08	56.03	456.35	65930	89152	07790	25018	40912	256.52	312.55
513.3	- 0.92	512.38	355.48	55082	89150	7789	25016	30066	199.83	312.55
156.7	+ 0.20	156.90	276.90	44232	89167	7792	25023	19209	155.63	312.53
434.05	- 0.25	433.80	215.77	33399	89119	7784	25003	08396	121.33	312.47
218.0	+ 0.03	218.03	167.95	22518	89186	7796	25033	97485	94.37	312.40
386.05	- 0.07	385.98	117.04	11704	89143	7788	25013	86691	73.61	312.37
255.05	+ 0.00	255.05	101.97	00847						
357.05	- 0.03	357.02								

BANGKAR
 JUDICIAL OF AKADEMI
 KUNYITARA

1890. April 11. Delutan.

1891. április 12 - Éjél

objektív = 220 chiron-jár 26^h óra-

9^h 35^u temperatura + 7.30

220	9 ^h	42 ^u	15.0	190	10 ^h	43	41.8	
230			17.5	180			50.0	
240			20.0	170			85.2	
250			22.4	160		44	6.6	
260			25.0	150			15.0	
270			27.2	<u>160</u>				
280			30.0	170		56	9.3	
290			32.3	180			20.0	
300			35.0	180			30.4	
300		53	45.3	<u>368.7</u>	11	2	20	
290			48.5	180		8	30.9	
280			52.0	170			44.1	
270			55.0	160			58.0	
260			58.0	<u>14.9</u>		14	45	
250		54	1.0	160		20	47.9	
240			4.0	170		41	51.1	17.2
230			7.2	180			22.3	17.2 5.2
220			10.3	<u>292.0</u>		27	5	
220	10	7	9.0	180		33	8.7	
230			13.0	170			30.5	21.8 6.5
240			17.0	160			52.9	22.4
250			21.2	<u>75.3</u>		39	30	
260			25.2	169		45	46.7	
270			29.4	171			52.4	
280			33.3	173			58.0	
290			38.0	<u>245.1</u>		51	50	
300			42.1	173		58	6.2	
300		18	6.5	171			13.1	
290			11.6	169			20.5	
280			16.6	<u>112.25</u>	12 ^h	4	15	
270			21.7	169	12	10	29.0	
260			26.7	171			38.2	
250			31.8	173			47.4	
150		31	21.6					
160			28.0					
170			34.4					
180			41.0					
190			47.4					
<u>494.3</u>		37	35					

MAGYAR TUDOMÁNYOS AKADÉMIA KÖNYVTÁRA

12^h 15^u temperatura = + 7.40

1891. April 12. Hétfő
 Temperatur: 7.75

240 51m. 2.2

250 6.6

260 11.4

270 16.0

280 20.5

290 25.2

300 29.8

310 34.4

320 39.2

330 43.8

340 48.3

350 51m. 53.2

300 4m. 9.3

290 10.3

280 16.3

270 22.3

260 11h. 4m. 28.3

290 16m. 42.3

295 46.2

300 50.0

300 29m. 21.5

295 26.2

290 31.1
77.2 *partal*

290 41m. 52.6

295 47m. 4.9

300 11.1
466.6 *partal*

300 54m. 37.8

295 45.9

290 54.0

partal 163.6

290 7m. 73.0

295 23.2

300 33.9

partal 398.8

300 19m. 52.8

296 20m. 3.3

295 6.1

294 8.2

290 19.6

partal 215.8

290 32m. 24.8

294 28.4

295 42.0

296 45.3

300 59.0

partal 358.0

296 45m. 22.0

295 26.7

294 30.9

partal 247.2

294 57m. 59.1

295 59.5

296 65.1

partal 333.4

MAGYAR
 AKADEMIAI
 KÖNYVTÁRA

2957 Temperatur: 7.32

10 = 11h 29m 25.5
 10' = 11h 42m 5.8 a = 1h. 15m 57.8 = 4557.8
 10 = 12h 45m 23.3 b = 1h. 15m 57.5 = 4557.5
 10' = 12h 58m 03.3 b-a = 0.3

$\frac{a+bd}{b(1+d)} = 759,611$

Elongation

388.8
 304.4
 235.2
 183.0
 142.2
 110.8
 86.2

J
 0.778
 778
 778
 777
 779
 778

Expansion

295.9
 295.9
 295.9
 295.8
 295.9
 295.7

II

	300	759.4	290	759.3
	"	59.3	"	59.4
295	759.4	"	59.3	"
"	759.4	"	59.3	"
"	59.7	"	59.5	"
"	59.4	"	59.6	"
"	59.8	"	59.8	"
"	59.8	"	59.7	"
"	59.8	296	59.7	294
"	59.5	"	59.4	"

260
 42 25.0
 53 58.0 693.0 - 117.2 0577 8063 - 64.02 743.18
 7 25.2 807.2
 18 26.7 661.5 + 145.7 1635 9121 + 81.68 43.18

280
 42 30.0
 53 52.0 682.0 - 139.3 1440 8926 - 78.09 743.21
 7 33.3 821.3
 18 16.6 643.3 + 178.0 2504 9990 + 99.77 43.07

300
 42 35.0
 53 45.3 670.3 - 166.5 2214 9700 - 93.33 743.47
 7 42.1 836.8
 18 6.5 624.4 + 212.4 3271 0757 + 119.04 43.44

160
 31 28.0
 44 6.6 758.6 + 35.9 5551 3037 + 20.13 42.83
 56 9.3 722.7
 8 58.0 768.7 - 46.0 6628 4114 - 25.78 42.92
 20 47.9 709.9 + 58.8 7694 5180 + 32.96 42.86
 33 52.9 785.0 - 75.1 8756 6244 - 42.11 42.89

170
 31 34.4
 43 58.2 743.8 + 2.0 3010 0496 + 1.12 42.92
 56 20.0 741.8 - 2.3 3617 1103 - 1.29 42.81
 8 44.1 744.1
 21 5.1 741.0 + 3.1 4914 2400 + 1.74 42.74
 33 30.5 745.4 - 4.4 6435 3923 - 2.47 42.93

180
 31 41.0
 43 50.0 729.0 - 31.4 4469 2455 - 17.60 42.80
 56 30.4 760.4 + 39.9 6010 3496 + 22.37 42.87
 8 30.9 720.5 - 50.9 7067 4553 - 28.53 42.87
 21 22.3 771.4 + 65.0 8129 5617 + 36.45 42.85

169
 21 3.4
 33 32.7 749.3 + 15.3 1847 9335 + 8.58 42.58
 45 46.7 734.0
 58 20.5 753.8 - 19.8 2467 0455 - 11.11 42.69
 10 29.0 728.5 + 25.3 4031 1519 + 14.19 42.69

171
 21 6.8
 33 28.3 741.5 - 2.6 4150 1638 - 1.46 42.64
 45 52.4 744.1
 58 13.1 740.7 + 3.4 5315 2803 + 1.91 42.61
 10 38.2 745.1 - 4.4 - 2.47 42.63

173
 21 10.3
 33 24.0 733.7 - 20.3 3075 0563 - 11.39 42.61
 45 58.0 754.0
 58 6.2 728.2 + 25.8 4116 1604 + 14.47 42.67
 10 47.4 761.2 - 33.0 5185 2673 - 18.50 42.70

494.3

368.7 - 0.28 368.42 352.80 54753
 14.9 + 0.72 15.62 89393 07833 25122 29631 197.84 170.58
 292.0 - 0.03 291.97 276.35 44146
 75.3 + 0.26 75.56 216.41 33 528 89382 7831 25117 19029 154.99 170.61
 245.1 - 0.00 245.10 169.54 22927 89399 7834 25124 08404 121.35 170.62
 112.25 + 0.10 112.35 132.75 12 303 89376 7830 25115 97812 95.09 170.65

MAGYAR
 TUDOMÁNYOS AKADEMIÁ
 KÖNYVTÁRA

1891. április 12. péntek

1891. aprillis 13-an. dielotā.

objektāvis = 270

11^h 4^ā. temperatūra = +7° 25

240	11 ^h	1	17.9		215	12 ^h	3	24.2
230			26.1		217			30.0
220			34.5		219			25.8
210			43.0		<u>290.0</u>		9	30
200			51.7		219		15	45.9
190		2	0.2		217			93.0
180			9.0		215		16	0.5
170			17.5		<u>159.95</u>		21	55
170		13	10.0		215		28	5.3
180			20.5		217			14.2
190			31.2		219			24.0
200			42.0		<u>261.95</u>		34	20
210			52.9		219		40	26.4
220		14	3.4		217			78.4
230			14.2		215			50.3
240			25.2		<u>182.05</u>		46	40
250			36.4		215		52	44.0
260			48.0		217			58.4
<u>410.95</u>		20	0		219		53	14.1
240		25	51.0					
230		26	4.5					
220			18.2	13.7				
210			32.1	13.9				
200			46.0					
<u>64.85</u>		32	20					
210		38	55.0					
220			50.4	17.4 217 5.2				
230		39	8.3	17.9				
<u>335.95</u>		44	4.5					
230		50	38.8	22.2				
220		51	1.0					
210			23.5	22.5 6.7				
<u>83.8</u>		57	10					

12^h 54^ā temperatūra = +7° 42

1891. aprilis 13. diel dött

temperatura: 7.30

detektän Ch. 10m.

temperatura: 7.28

245 Ch. 10m. 26.8
 250 31.2
 255 36.4

45.8.0 fudul

250 22m. 39.3
 245 45.4
 240 51.7
 235 57.8 -
 230 23m. 4.0
 225 10.3
 220 16.5

62.2 fudul

225 35m. 20.2
 230 28.0
 235 36.0
 240 43.9
 245 52.0

370.4 fudul

240 48m. 8.3
 237 14.3
 235 18.4
 233 22.4
 230 28.7

131.0 fudul

230 4h. 0m. 51.3
 233 49.4
 235 54.4
 237 59.8
 240 1m. 7.8

317.5 fudul

237 13m. 32.9
 235 39.7
 233 46.3

172.3 fudul

233 26m. 38
 235 12.5
 236 17.1
 237 21.2

285.3 fudul

234 38 50.8
 236 56.5
 235 39m. 1.9
 233 13.2

107.5 fudul

235 91m. 29.3
 236 76.3
 237 43.7

temperatura: 7.43

Ungatis	Ø	Eggansuf
395.8	0.779	235.5
308.2	779	235.5
239.4	779	235.8
186.5	779	235.8
145.2	779	235.9
113.0	779	235.9
87.8	777	

II

230	760.0	235	760.0	230	670.1
"	59.8	"	59.6	"	59.6
233	60.1	"	60.1	237	60.1
"	59.6	"	59.8	"	59.8
"	60.2	"	60.1	"	60.1
236	59.6	"	59.8	"	59.8

210	2514			
1 43.0	729.9	-29.3	4669	2155 -16.43
13 52.9	759.2	+38.3	5832	3318 +21.47
26 32.1	720.9	-49.6	6955	4441 -27.81
38 33.0	770.5			
51 23.5				

215	2514			
38 41.7	750.6	+18.7	2718	0206 +10.49
51 12.3	731.9	-24.4	3874	1361 -13.68
3 24.2	756.3	+31.5	4983	2472 +17.67
16 0.5	724.8	-40.2	6042	3527 -22.53
28 5.3	765.0	+51.3	7101	4589 +28.76
40 50.3	773.7			
52 44.0				

220	2514			
1 34.5	748.9	+14.1	1492	8978 +7.90
14 3.4	734.8	-17.4	2405	9891 -9.75
26 18.2	752.2	+21.6	3345	0831 +12.11
38 50.4	730.6			
51 1.0				

217	2514			
38 45.2	742.5	+0.2	3010	0498 +0.11
51 7.7	742.3	-0.7	8451	5938 -0.39
3 30.0	743.0	+1.8	2553	0042 +1.01
15 53.0	741.2	-3.0	4771	2256 -1.68
28 14.2	744.2	+4.2	6232	3720 +2.36
40 38.4	740.0			
52 58.4				

230	2514			
1 26.1	768.1	+57.8	7619	5105 +32.40
14 14.2	710.3	-73.5	8663	6149 -41.20
26 4.5	783.8	+93.3	9699	7185 +52.30
39 8.3	690.5			
50 38.8				

219	2514			
38 48.7	734.5	-18.1	2577	0065 -10.15
51 3.2	752.6	+22.5	3522	1009 +12.62
3 35.8	730.1	-28.0	4472	1961 -15.70
15 45.9	758.1	+35.7	5527	3012 +20.01
28 24.0	722.4	-45.3	6561	4049 -25.40
40 26.4	767.7			
53 14.1				

MAOTAR
 KUBONAN
 KONTYARA

410.95 - 0.58	410.37	345.21	53808	89435	07841	25141	28667	193.50	216.87
64.85 + 0.31	65.16	270.66	43243	89381	7831	25117	18126	151.80	216.96
335.95 - 0.13	335.82	211.95	32624	89413	7837	25131	07493	118.83	216.99
123.8 + 0.07	123.87	166.10	22037	89357	7827	25107	96930	93.17	217.04
290.0 - 0.03	289.97	130.00	11394	89453	7844	25149	86245	72.85	217.12
159.95 + 0.02	159.97	101.97	00847	89397	7834	25124	75723	57.18	217.15
261.95 - 0.01	261.94	79.88	90244						
182.05 + 0.01	182.06								

1891. aprillis 13-an. Dellelõs.

1891. április 14. éjjel.

objektum = 215

draon jár 8^h óla-

9^h 30^m temperatura = +7^o.40

270	9 ^h	37	20.0
260			13.2
250			7.0
240		37	0.9
230		36	54.1
220			48.1
210			42.0
200			35.8
190			29.5
180			23.3
170			17.2
160		36	11.1
<u>565.9</u>		42	4.5

270		48	35.0
260			43.0
250			50.9
240			58.7
230		49	6.7
220			14.3
210			22.5
200			30.6
190			39.0
180			47.0
170			55.1
<u>-37.2</u>		55	10

210	10	1	13.9
220			24.0
230			34.0
240			44.1
<u>434.05</u>		7	30
240		813	37.1
230			50.4
220		914	3.1
<u>65.1</u>		19	50

223	10 ^h	26	9.1
227			15.2
231			22.2
<u>354.0</u>		32	15
231		38	30.6
227			39.0
223			47.5
<u>128.0</u>		44	40
223		50	49.0
227			59.9
231		51	10.5
<u>305.05</u>		57	5

229	11 ^h	3	17.2
227			24.4
225			31.2
<u>166.4</u>		9	25
225		15	35.0
227			43.4
229			52.5
<u>275.1</u>		21	45
229		27	59.0
227		28	10.3
225			21.5

11^h 30^m temperatura = +7^o.61

MAGYAR TUDOMÁNYOS AKADEMIÁK KÖNYVTÁRA

1891. apr. 14. délután

Temperature + 7.32 C

felül 490.8

280	21m.	73.2
275		78.7
270		79.5
265		90.2
260		46.0
255		51.6
250		37.4
245	22m.	70
240		90
235		14.7
230		70.5
225		76.3
220		72.3
215		78.4
210		44.3
205		96.3
200		56.5
195	23m.	7.8
190		9.0
	felül	63.4

34m. 71.4

240		78.9
245		76.2
250		43.4
255		51.0
260		58.4
265		6.0
270	35m.	396.0

felül 396.0

255	47m.	8.6
252		14.2
250		18.0
248		21.7
245		27.5
	felül	137.5

245	59m.	43.2
248		50.3
250		55.3
252	4h. 0m.	0.1
255		7.4

felül 338.8

252	12m.	72.8
250		78.9
248		45.0
	felül	182.1

248	25m.	6.1
250		14.0
251		18.1
252		22.0

felül 309.0

252	37m.	50.3
251		55.5
250	38m.	0.8
248		10.9
	felül	209.2

250	50m.	71.5
251		78.4
252		45.1

283.1 felül

252	5h. 3m.	7.0
251		15.4
250		23.9

Temperature: +7.52

MAGYAR TUDOMÁNYOS AKADEÉMIA KÖNYVTÁRA

Elanyatic

427.4
332.6
258.5
201.3
156.7
121.9
94.8
73.9

D

0.778
777
779
778
778
778
778
780

Eggs

250.4
250.6
250.7
250.8
250.6
250.7
250.7

T

245	760.2	250	760.1	255	760.2
"	59.8	"	59.8	"	59.9
248	60.0	"	60.1	252	60.1
"	60.0	"	59.9	"	60.0
"	60.2	"	60.2	"	60.1
251	59.8	"	59.8	"	59.9
"	60.3	"	60.2	"	60.4

220
 26 42.0
 49 143
 1 24.0
 14 3.1

752.3
 729.7 +22.6
 759.1 -29.4

2514
 3541 1027 +12.67 742.37
 4683 2169 -16.48 42.62

223
 1 27.0
 13 59.2
 26 9.1
 38 47.5
 50 49.0

752.2
 729.9 +22.3
 758.4 -28.5
 721.5 +36.9

3483 0969 +12.50 742.40
 4548 2034 -15.98 42.42
 5670 3156 +26.68 42.18

225
 38 43.3
 50 54.4
 3 31.2
 15 35.0
 28 21.5

731.1
 756.8 -25.7
 723.8 +33.0
 766.5 -42.7

4099 1885 -14.41 42.39
 5185 2671 +18.50 42.30
 6304 3790 -23.93 42.57

230
 36 48.1
 49 6.7
 1 34.0
 13 50.1

738.6
 747.3 -8.7
 736.1 +11.2

2514
 9395 6881 -4.88 742.42
 0492 7978 +6.28 42.38

227
 1 31.0
 13 54.0
 26 15.2
 38 39.0
 50 59.9

743.0
 741.2 +1.8
 743.8 -2.6
 740.9 +2.9

2553 0039 +1.01 42.21
 4150 1636 -1.46 42.34
 4624 2110 +1.63 42.53

227
 38 39.0
 50 59.9
 3 24.4
 15 43.4
 28 16.3

740.9
 744.5 -3.6
 739.0 +5.5
 746.9 -7.9

5563 3049 -2.02 42.48
 7404 4890 +3.08 42.08
 8976 6462 -4.43 42.47

240
 36 54.1
 48 58.7
 1 44.1
 13 37.1

724.6
 765.4 -40.8
 713.0 +52.4

2514
 6107 3593 -22.88 742.52
 7193 4679 +29.37 42.37

231
 1 35.0
 13 48.8
 26 22.2
 38 30.6
 51 10.5

733.8
 753.4 -19.6
 728.4 +25.0
 759.9 -31.5

2923 0409 -10.99 42.41
 3979 1465 +14.01 42.41
 4983 2469 -17.66 42.24

229
 38 34.8
 51 5.2
 3 17.8
 15 52.5
 27 59.0

750.4
 732.6 +17.8
 754.7 -22.1
 726.5 +28.2

2504 9990 +9.98 42.58
 3444 0930 -12.39 42.31
 4502 1988 +15.80 42.30

565.9 -3.63 562.27
 -37.2 +1.31 -35.89
 434.05 -0.87 433.18
 65.1 +0.28 65.38
 354.0 -0.22 353.78
 128.0 +0.05 128.05
 305.05 -0.06 304.99
 166.4 +0.01 166.41
 275.1 -0.02 275.08

598.16 77682
 469.07 67124
 367.80 56561
 288.40 46000
 228.73 35359
 176.94 24783
 138.58 14170
 108.67 03611

89442 07842 25144 52538 335.26 227.01
 89437 7841 25142 41982 262.92 227.03
 89439 7841 25142 31419 206.15 227.03
 89359 7827 25108 20892 161.78 227.16
 89424 7839 25137 10222 126.54 227.24
 89387 7832 25120 99663 99.23 227.28
 89441 7842 25144 89026 77.67 227.32

KONGRES
 KUNYAN
 KUNYAN
 KUNYAN

1891. dprilis 14. ejil

1891- aprilis 15. szombat

Temperatura: +7.50

250 8m. 45.7

245 53.0

240 9m. 0.5

102.3 ferdul

240 21m. 8.2

245 17.4

250 26.8

355.8 ferdul

250 33m. 26.0

245 77.8

243 42.8

240 50.0

ferdul 157.7

240 45m. 46.7

243 55.8

244 58.9

245 46m. 1.7

250 17.4

ferdul 313.0

246 58m. 18.8

245 72.6

244 76.3

243 30.6

240 42.5

ferdul 191.4

243 12h. 10m. 76.64

244 41.9

245 96.2

246 51.5

ferdul 286.8

246 23m. 0.8

245 7.0

244 13.5

ferdul 212.1

244 35m. 72.4

245 70.7

246 38.8

ferdul 270.7

246

245

244

47m.

51.7

48m.

51.4

2.3

Temperatura: +7.68

Elonyatis

d

Exponans

253.5

0.781

244.6

198.1

784

244.7

155.3

783

244.8

121.6

786

244.9

95.4

783

244.9

74.7

784

244.9

58.6

MAGYAR
TUDOMÁNYOS AKADEMIA
KÖNYVTÁRA

T

250	742.7	245	742.6	240	742.7
"	42.1	"	41.9	"	42.0
243	42.6	"	42.6	"	42.7
"	42.1	"	42.1	244	42.0
246	42.4	"	42.4	"	42.6
"	41.9	"	42.1	"	41.9
"	42.6	"	42.4	"	42.5

1891. április 15 - éjjel.

objektív = 283

chron. jár 32^h óta.

9^h 32^h temperatura + 7^o.62

220	9	28	51.9	262	10 ^h	32	38.1
230		29	0.3	260			44.1
240			9.0	258			50.7
250			17.4	189.2		38	50
260			26.1				
270			35.0	258		45	18.2
280			43.9	260			26.0
290			52.2	262			33.9
300		30	1.5	314.7		51	30
310			10.1				
320			19.7	262		57	54.6
330			29.0	260		58	4.4
330		40	47.2	258			14.1
320			58.2	219.1	11	4	15
310		41	9.3	258	11 ^h	10	34.0
300			20.1	260			46.9
290			31.3	262			59.8
280			42.7	292.3		16	50
270			53.6	262		23	8.0
260		42	4.7	260			24.0
250			16.0	258			40.0
240			27.1				
230			38.7				
220			50.0				
67.2		48	10				

11^h 30^h temperatura + 7^o.80

240		54	17.2				
250			31.6				
260			46.0				
270		55	0.1				
280			15.0				
409.15		10 ^h	50				
270		10	6.4	18.5	3.7		
260			24.9	18.2	3.6		
250			43.1				
143.3		13	30				
				→ eddig járd a gép			
250		19	42.2	23.5	4.7		
260		20	5.7	24.0	4.8		
270			29.7				
350.2		26	10				

MAGYAR
KÜZDMŰTANOS AKADÉMIA
KÖNYVTÁRA

250
 29 17.4 778.6
 42 16.0 735.6 +43.0
 54 31.6 791.5 -55.9
 7 43.1 719.1 +72.4
 19 42.2 8597 6095 +4.069

258
 7 28.5 752.5
 20 1.0 769.7 -17.2
 32 50.7 747.5 +22.2
 45 18.2 775.9 -28.4
 58 14.1 739.9 +36.0
 10 34.0 6637 4137 -25.92
 23 40.0

260
 29 26.1 759.76
 42 4.7 60.08
 54 46.0 59.79
 7 24.9
 20 5.7 760.8

260
 7 24.9
 20 5.7 60.03
 32 44.1 59.98
 45 26.0 59.94
 58 4.4 60.15
 10 46.9 60.08
 23 24.0

2503
 4314 1811 -1.52
 3802 1299 +1.35
 2788 0286 -1.07

2503
 3802 1301 +1.35
 5441 2939 -1.97
 54 +1.97
 6128 3628 -2.31
 7324 6824 +3.04

270
 29 35.0 759.78
 41 53.6 60.25
 55 0.1 59.73
 7 6.4
 20 29.7 883.3 -17.0 8865 6363 -43.28

262
 7 21.2 59.75
 20 10.5 59.93
 32 38.1 60.37
 45 33.9 60.19
 57 54.1 60.14
 7 21.2 769.3
 20 10.5 747.6 +21.7 3365 0864 +12.20
 32 38.1 775.8 -28.2 4502 2000 -15.85
 45 33.9 740.2 +35.6 5514 3011 +20.00
 57 54.1 785.7 -45.5 6580 4080 -25.59
 7 21.2 +57.5 7597 5097 +32.34

МАГАЯН
 ТӨДӨМӨӨР
 АХУЙН
 ХӨГЖИЛТ
 ХӨДӨӨ
 ХӨДӨӨ

67.2 + 0.84 68.04
 409.15 - 0.16 408.99
 143.3 + 0.23 143.53
 350.2 - 0.03 350.17
 189.2 + 0.07 189.27
 314.7 - 0.00 314.70
 217.1 + 0.03 217.13
 292.3 - 0.00 292.30

340.95 53.269
 265.46 42.400
 206.64 31.521
 160.90 20.656
 125.43 09.840
 97.57 98.932
 75.17 87.604

89131 0.7786 25008 28261 19170 259.74
 89121 7784 25003 17397 149.27 259.72
 89135 7787 25010 06511 116.17 259.70
 89184 7795 25030 95626 90.42 259.75
 89092 7779 24991 84849 70.55 259.82
 88672 7704 24807 74125 55.11 259.59

1891, Aprilis 15. eijel.

1891. aprillis 16. de lusa.

dykšoni = 222

duroz. jair 49^h ota.

3^h 10^m Temperatur = +7°85

270	3 ^h	15	16.1
260			25.5
250			35.0
240			44.4
230			54.0
220		16	3.3
210			13.2
200			23.3
190			33.2
180			44.0
170			54.1
<u>34.1</u>		21	25
170		26	3.3
180			15.4
190			27.9
200			39.7
210			51.8
220		27	3.4
230			15.1
240			27.1
250			39.0
260			51.0
270		28	3.0
<u>434.3</u>		33	5.0
270		39	54.6
260		40	10.0
250			25.2
<u>121.5</u>		46	10

270	4 ^h	4	29.0
260			53.9 24.9
250		5	18.9 25.0 7.5
<u>174.8</u>		10	55
257		17	12.5
259			19.1
261			25.3
<u>324.95</u>		25	20
261		29	32.8
259			41.0
257			49.1
<u>207.2</u>		35	40
257		41	53.0
259		42	24
261			13.9
<u>299.3</u>		48	5
261		54	12.5
259			25.5
257			38.9
<u>227.2</u>	5 ^h	0	30
257		6	31.0
259			47.8
261		7	5.1

5^h 5^m Temperatur = +7°91

Efordulo clott minit jairni a 87

250	52	16.9	19.4	5.8
260		36.3		
270		56.0	19.7	
<u>366.4</u>	58	35		

1891. aprilni 16. dicitur

temperatura: + 7° 70

300	10h.	30m.	45.3
290			52.0
280			58.7
270	31m.		5.4
260			12.3
250			19.0 -
240			25.8
230			32.6
220			39.8
210			46.5
200			53.6

230	43m.		42.3
240			51.0
250			59.8
260	44m.		8.5
		total	<u>495.2</u>

260	56m.		77.4
255			77.1
250			78.7
245			44.2
240			50.0
		total	<u>58.6</u>

240	11h.	9m.	8.5
245			12.6
250			19.9
255			27.1
260			34.3
		total	<u>398.1</u>

255	21m.		9.1
250			98.3
245	22m.		7.7
		total	<u>134.0</u>

245	34m.		78.1
248			75.2
250			40.1
252			54.7
255			51.9
		total	<u>339.7</u>

255	47m.		2.8
252			12.0
250			17.8
248			24.2
245			33.4
		total	<u>179.8</u>

248	59m.		52.4
249			56.4
250	12h.	0m.	0.3
251			4.3
252			8.1
		total	<u>304.1</u>

252	12m.		77.7
251			72.8
250			77.8
249			42.7
248			47.8
		total	<u>207.3</u>

249	25m.		14.2
250			20.8
251			27.4

temperatura + 7° 82

Elonyalás

436.6
339.5
264.1
205.7
159.9
124.3
96.8

2

6778
778
779
778
778
778
779

Egyenlő

249.6
249.5
249.7
249.6
249.8
249.7

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

T

240	760.0	250	760.0	260	759.9
"	60.0	"	59.9	"	59.9
245	60.0	"	60.0	255	60.0
	59.9	"	59.9	"	59.9
	60.0	"	60.0	"	60.1
248	59.9	"	59.8	252	59.9
"	60.1	"	60.3	"	60.1
249	59.8	"	59.9	251	59.9

250		2514	
15 35.0	724.0		
27 39.0	766.2	-42.2	6253 3739 -23.65 742.55
40 25.2	701.7	+54.5	7364 4855 +30.59 42.29
52 16.9	782.0	-70.3	8470 5956 -39.41 42.59
5 18.9			

257			
52 30.5	750.9	+19.8	2967 0457 +11.11 42.21
5 1.4	731.1		
17 12.5	756.6	-25.5	4065 1551 -14.29 42.31
29 49.1	723.9	+32.7	5145 2631 +18.33 42.23
41 53.0	765.9	-42.0	6232 3722 -23.56 42.34
54 38.9	712.1	+53.8	7308 4797 +30.18 42.28
6 31.0			

260		2514	
15 25.5	745.5		
27 51.0	739.0	+6.5	8129 5615 +3.64 742.64
40 10.0	746.3	-7.3	8633 6124 -4.10 42.20
52 36.3	737.6	+8.7	9395 6881 +4.88 42.48
4 53.9			

259			
52 34.4	742.0		
4 56.4	742.7	-0.7	8451 5941 -0.39 42.31
17 19.1	741.9	+0.8	9031 6517 +0.45 42.35
29 41.0	742.4	-0.5	6990 4476 -0.28 42.18
42 3.4	742.1	+0.3	
54 25.5	742.3	-0.2	+0.17 42.27
6 47.8			-0.11 42.19

270		2514	
15 16.1	766.9		
28 3.0	711.6	+55.3	7427 4913 +30.99 742.59
39 54.6	781.4	-69.8	8439 5930 -39.17 42.23
52 56.0	693.0	+88.4	9465 6951 +49.56 42.56
4 29.0			

261			
52 38.3	733.1		
4 54.4	753.9	-20.8	5181 0671 -11.67 42.23
17 25.3	727.5	+26.4	4216 1702 +14.80 42.30
29 32.8	761.1	-33.6	5263 2749 -18.83 42.27
42 13.9	718.6	+42.5	6284 3774 +27.84 42.44
54 12.5	772.6	-54.0	7324 4813 -30.29 42.31
6 51.1			

341 + 0.55	34.65								
434.3 - 0.79	433.51	398.86	60 082	89 324	0.7821	25093	34989	223.82	258.47
121.5 + 0.08	121.58	311.93	49 406	89 435	7841	25141	24265	174.84	258.67
366.4 - 0.25	366.15	244.57	38 841	89 339	7823	25098	13743	137.23	258.81
174.8 + 0.01	174.81	191.34	28 180	89 444	7842	25143	03037	107.24	258.91
324.95 - 0.09	324.86	150.05	17 624	89 439	7841	25141	92483	84.11	258.92
207.2 + 0.00	207.20	817.66	07 063	89 344	7824	25100	81963	66.01	258.85
299.8 - 0.04	299.26	92.06	96 407	89 362	7827	25108	71299	51.64	258.84
227.2 + 0.00	227.20	72.06	85 769						

1891. April 16. delatan.

1891. április 17. délelőtt.

objektív = 224, dron. járó 19^h óta

11^h 5^m hőmérséklet = + 7.80

290	11 ^h	13 ^m	3	243	12 ^h	15	48.2
280			11.1	245			57.0
270			23.4	247		16	5.3
260			36.0	294.95		22	0
250		14	48.3	247		28	12.9
240			0.7	245			23.8
230			13.0	243			24.4
220			25.9	206.95		34	25
210			38.6	243		40	25.6
200		15	51.3	245			39.8
76.95		20	5.0	247			53.9
200		25	5	276.0		46	45
210			17.8	246		53	2.1
220			33.5	245			11.0
230		26	49.2	244			20.0
240			52	221.9		59	10
250			21.0	244	1 ^h	5	9.3
260			37.0	245			21.0
270		27	53.0	246			32.1
280			4.3				
290			26.2				
377.0		32	43.9				

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

1^h 8^m hőmérséklet = + 8.01

Kö. 11^h 40^m óta jár a gép.

255		38	32.1	20.1	4.0
245			52.2		
235		39	13.0	20.8	4.2
142.2		44	50		
235		50	47.0	25.9	5.1
245		51	12.9	26.1	5.2
255			39.0		
326.05		57	15		
247			—	[31, 4]	
245		3	98.0	6.8	
243			44.8	6.4	
241			51.2	6.0	
239			58.2		
182.15	12 ^h	9	35		

1891. aprilis 17. delatian

temperatura: + 70.85 C

190	6h.	19m.	76.3
210			47.0
230			47.6
250			53.0
270			58.6
290		19m.	4.3
310			9.7
<hr/>			
290	27.		19.3
270			21.3
250			28.5
230			35.6
210	27m.		42.8
<hr/>			
270	40m.		4.6
240			9.2
250			13.7
270			22.9
<hr/>			
270	57m.		74.8
250			46.8
240			52.7
230			59.5
<hr/>			
230	7h.	5m.	20.3
240			28.0
250			35.4
<hr/>			
250	18m.		9.0
245			8.8
240			13.7
230			23.5
<hr/>			
total			22.6

230	30m.		37.7
240			46.1
245			52.4
250			58.7
<hr/>			
total			415.0
<hr/>			
250	43m.		19.8
245			27.8
243			31.0
240			35.7
<hr/>			
total			109.9
<hr/>			
240	56m.		3.5
243			9.8
245			13.9
250			29.2
<hr/>			
total			347.2
<hr/>			
245	8m.		46.3
243			51.7
240			59.8
<hr/>			
total			162.7
<hr/>			
240	21m.		19.1
243			29.4
244			33.0
245			36.3
<hr/>			
total			306.25
<hr/>			
245	39m.		2.8
244			8.1
243			17.7
240			25.7
<hr/>			
total			194.5
<hr/>			
243	46m.		48.2
244			54.5
245	47		0.2

temperatura: + 80.05

Elongated

392.4
305.1
237.3
184.5
143.55
111.75

J

0778
778
778
778
778

Expenses

243.3
244.4
244.4
244.4
244.4

III

230	459.7	150	459.7	270	459.7
"	59.8	"	59.9	"	59.9
"	59.9	"	60.0	240	59.9
"	59.9	"	59.8	"	59.9
"	60.0	"	60.0	"	59.9
245	60.0	"	60.0	"	59.9
"	60.1	"	60.0	"	60.1
"	60.1	243	60.2	"	60.3
"	60.1	"	60.1	"	60.1
"	60.2	"	60.2	"	60.0
"	60.1	"	60.1	244	60.0

235			2512		
14 19.5					
26 13.1	773.6	-66.3	8215	5703	-37.18
39 13.0	779.9				742.72
50 47.0	696.0	+85.9	9340	6829	+48.18
					42.18

243					
38 56.4	731.4	-25.6	4082	1570	-14.35
51 7.8	757.0	+33.6	5263	2752	+18.85
3 44.8	723.4	-42.8	6314	3801	-24.00
15 48.2	766.2	+55.0	7404	4892	+30.84
28 34.4	711.2				42.04
40 25.6					

244					
28 29.1	723.6	-43.7	6405	3893	+24.51
40 32.7	767.3	+58.0	7634	5122	+32.52
53 20.0					41.82
5 9.3	709.3				

76.95	+0.27	77.22			
377.0	-0.27	376.73	299.51	47641	
142.2	+0.04	142.24	234.49	37012	89371
326.05	-0.09	325.96	183.76	26416	404
182.85	+0.01	182.16	143.80	15776	360
294.95	-0.03	294.92	112.76	05215	439
206.95	+0.00	206.95	87.97	94433	218
276.0	-0.01	275.99	69.04	83910	477
221.9	+0.00	221.90	54.09	73312	402

245			2512		
14 6.9	742.1				
26 29.0	743.2	-1.1	0414	7902	-0.62
38 52.2	740.7	+2.5	3979	1468	+1.40
51 12.9					42.10

245					
38 52.2	740.7	-4.4	6435	3923	-2.47
51 12.9	745.1	+6.1	7853	5372	+3.42
3 38.0	739.0	-7.8	8921	6408	-4.37
15 57.0	736.0	+10.8	0334	7822	+6.06
28 23.8					42.06
40 39.8					

245					
28 23.8	736.0	-15.2	1818	9306	-8.52
40 39.8	751.2	+21.2	3263	0751	+11.83
53 11.0					41.89
5 21.0	730.0				

255			2512		
13 54.5	770.5	+63.4	8021	5509	+38.55
26 45.0	707.1	-79.8	9020	6509	-44.76
38 32.1					42.14
51 39.0					

247					
38 48.2	749.9	+16.6	2201	9689	+9.31
51 18.1	733.3	-20.6	3139	0628	-11.55
3 31.4	753.9	+26.3	4200	1687	+14.75
16 5.3	761.0	-33.4	5237	2725	-14.73
28 12.9					42.27
40 53.9					

246					
28 18.4	748.4	+13.1	1173	8661	+7.35
40 46.8	735.3	-24.7	3424 9165	1386	41.76
53 2.1			1673		-8.24
5 32.1					

МАГЯН
 ТУСЛАХУН СУ АКАДЕМИ
 КОМПИТАРА

1891. aprili 17. de'lebon.

1891. április 18. este.

objektív = 217

chron. jár 57^h óla.

6^h 15^m temperatura = + 8° 12

280	6	18	187		245	7 ^h	20	2520	16.1	4.8
270			43.3	4.8	255			41.1		
260			48.1	5.0	265			57.4	16.3	4.9
250			53.1	4.9	<u>384.1</u>		26	15		
240			58.0		265		32	45.5	20.8	6.2
230		19	2.9		255		33	6.3		
220			7.8		245			27.2	20.9	6.3
210			12.2		<u>155.1</u>		39	0		
200			17.2		254		45	-	(22.0)	
190			22.3		256			27.4		
180		30	27.2		258			33.0	5.6	
180		30	27.0		260			38.1	5.1	
190			33.0		262			43.6	5.5	
200			39.0		<u>334.6</u>		51	25		
210			45.1		258		57	42.0		
220			51.1		256			48.9		
230			57.3		254			55.3		
240		31	3.4	5.9	<u>194.05</u>	8 ^h	3	50		
250			9.3	6.6	254		10	3.9		
260			15.9	6.1	256			12.4		
270			22.0		258			21.0		
280			28.1		<u>304.05</u>		16	15		
265		43	28.0		258		22	22.1		
255			35.9		256			33.0		
245			43.8		254			44.0		
<u>-12.1</u>		49	40							

245		55	47.0	10.1
255			57.1	9.9
265		56	7.0	
<u>465.45</u>	7 ^h	2	0	
265		8	8.2	12.8
255			21.0	12.9
245			33.9	
<u>91.8</u>		14	20	

MAGYAR TUDOMÁNYOS AKADÉMIA KÖNYVTÁRA

8^h 25^m temperatura = + 8° 24

1891. aprilis 18. délután

temperatura: + 7° 098

280 — 11h. 32m. 78.3

275 ————— 76.9

270 ————— 95.4

265 ————— 51.1

260 ————— 33m. 2.9

255 ————— 11.3 -

250 ————— 20.3

245 ————— 29.2

240 ————— 38.0

235 ————— 47.0

230 ————— 56.2

225 ————— 34m. 5.4

220 ————— 14.9

fordul 135.8

245 ————— 45 13.3

250 ————— 24.4

255 ————— 25.4

260 ————— 46.7

265 ————— 58.0

270 ————— 46m. 9.2

fordul 355.0

260 ————— 58m. 72.6

259 ————— 25.0

258 ————— 78.1

255 ————— 26.6

fordul 184.8

255 ————— 12h. 10m. 98.4

258 ————— 59.6

259 ————— 11m. 7.1

260 ————— 6.8

fordul 317.4

260

23m. 41.4

259

96.0

258

50.8

fordul 214.2

258

26m. 15.4

259

21.3

260

77.4

fordul 294.75

260

48m. 59.8

259

49m. 7.8

258

15.7

fordul 232.1

258

1h. 1m. 29.0

259

28.7

260

48.6

temperatura + 8° 14

Elonyatio

d

Egyensúly

219.2

0.777

259.2

170.2

779

59.3

132.6

778

59.4

103.2

781

59.5

80.55

778

59.6

62.65

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

T

255	760.3		260	760.3	
"	59.6		"	59.5	
258	60.1	259	760.2	"	60.0
"	59.6	"	59.6	"	59.6
"	60.2	"	60.2	"	60.7
"	59.6		59.7	"	59.6

245		2512					
18 85.5							
31 6.4	730.9	-26.5	4232	1920	-14.86	742.54	
43 43.8	757.4	+34.2	5340	2828	+19.18	42.38	
55 47.0	723.2	+34.2	6405	3883	-24.45	42.45	
8 33.9	766.9	-43.7	7466	4954	+31.29	42.39	
20 25.0	711.1	+55.8	8519	6006	-39.86	42.34	
33 27.2	782.2	-71.1					

254		256					
20 39.5	748.9						
33 8.4	733.6	+15.3	1847	9334	+8.58	42.18	
45 22.0	753.3	-19.7	2945	0431	-11.04	42.26	
57 55.3	728.6	+24.7	3927	1415	+13.86	42.46	
10 3.9	760.1	-31.5	4983	2471	-17.66	42.44	
22 44.0							

255		2512					
18 50.6	742.0						
31 12.6	743.3	-1.3	1139	8627	-10.73	742.57	
43 35.9	741.2	+2.1	8222	0710	+1.18	42.38	
55 57.1	743.9	-2.7	4314	1802	-1.52	42.38	
8 21.0	740.1	+3.8	5798	3286	+2.13	42.23	
20 41.1	745.2	-5.1	7076	4563	-2.86	42.34	
33 6.3							
20 42.7	741.5						
33 4.2	743.2	-1.7	2304	9791	+0.95	42.25	
45 27.4	741.5	+1.7			+0.95	42.45	
57 48.9	743.5	-2.0			-1.18	42.37	
10 12.4	740.6	+2.9	4624	2112	+1.63	42.23	
22 33.0							

265		2512					
18 45.7	753.3	+24.3	3856	1344	+13.63	742.63	
31 19.0	729.0	-30.0	4771	2259	-16.83	42.17	
43 28.0	759.0	+37.8	5775	3263	+21.20	42.40	
56 7.0	721.2	-48.0	6812	4300	-26.92	42.28	
8 8.2	769.2	+67.1	7860	8347	+34.26	42.36	
20 57.4	708.1						
32 45.5							
20 46.0	734.1						
33 0.2		-18.8	2742	0229	-10.54	42.36	
45 33.0	752.9	+23.9	3784	1270	+13.40	42.40	
57 42.0	729.0	-30.0	4771	2259	-16.83	42.17	
10 21.0	759.0	+37.9	5786	3274	+21.25	42.35	
22 22.1	721.1						

-12.1	+ 1.00	- 11.10								
465.45	- 1.26	464.19	475.29	67 696	89 383	07831	25117	42579	266.56	255.46
91.8	+ 0.46	91.98	372.29	57 075	89 420	7838	25134	31945	208.67	255.52
384.1	- 0.39	383.71	294.73	46 499	89 407	7836	25129	21370	163.57	255.55
155.1	+ 0.02	155.12	228.59	35 906	89 464	7846	25154	10751	128.09	255.62
334.6	- 0.13	334.47	179.35	25 370	89 373	7829	25112	00258	100.60	255.72
194.05	+ 0.00	194.05	140.42	14 743	89 377	7830	25115	89628	78.75	255.72
304.05	- 0.05	304.00	109.95	04 120						

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

1891. április 18. este.

April 19th

Delken 1 orokere a Zinnklemmte dörbbi hejehöt pärkuyansan
majival 28,8 C. lavalon voltam.

1891. aprillis 19. d. ete.

dyj. Rinn =

230	9 ^h	48 ^m	-
240			-
250			40.2
260			-
270			56.0
280			-
290		49 ¹	8.0
300			15.0
310			22.1
320			29.3
330			37.0
340 ^a			38.1 +6 ¹ .0

hasnawocheletten meistrigeden.

340		58	58.3
336		59	7.1
320			16.0
310			24.3
300			33.1
290			42.0
280			51.0
270			59.5
260	10	0 ¹	8.2
250			17.1
248			26.0 21.5
230			-
4.7		6	25

230			38.0
240			49.0
250		9 ³ m	0.2 54.6
260			11.9
270			23.1
280			35.0
290			51.0 - -4.0
300			3.0
310		14 ^h	15.0
320			28.0
330			46.0
340			66.0

9^h. 48 m 26.7
10^h. 13 m 54.6.

25 m 17.9.

1517.9.
758.95

1891. aprili 19. dillit

temperatura: + 8° 02

280 10h. 57m. 17.8

270 19.0

260 17.2

250 17.5 -

240 17.6

230 17.8

220 15.1

210 503

200 55.7

220 11h. 9m. 77.4

230 40.3

240 47.0

250 53.3

260 60.2

260 22m. 5.4

255 9.6

250 13.7

245 18.0

240 22.3

total 0.6

240 34m. 77.9

245 77.2

250 78.7

255 44.0

260 49.3

total 442.9

245 46m. 51.1

250 58.1

245 47m. 51.0

total 97.0

245 59m. 15.1

248 20.2

250 23.9

255 22.8

total 367.8

255 17h. 11m. 20.6

250 41.8

248 46.2

245 52.9

total 155.9

245 23m. 55.1

248 24m. 7.8

249 6.3

250 9.3

total 321.8

250 36m. 74.8

249 78.5

248 72.3

245 43.2

total 192.0

248 48m. 45.9

249 50.6

250 55.5

total 293.75

250 1h. 1m. 7.2

249 17.2

248 19.1

temperatura + 8° 23

Elongatio

442.3
 345.9
 270.8
 211.9
 165.9
 129.8
 101.75

Ergensuf

248.8
 248.9
 248.9
 249.0
 249.0
 249.0
 249.0

d
~~0774~~
~~778~~
~~778~~
~~778~~

d
 0782
 783
 783
 783
 782
 784

MAGYAR
 TUDOMÁNYOS AKADÉMIA
 KÖNYVTÁRA

T

240	42.5	250	42.3	260	42.3
"	42.2	"	42.4	"	42.2
245	42.5	"	42.4	255	42.4
"	42.3	"	42.2	"	42.3
"	42.3	"	42.3	"	42.4
"	42.3	"	42.1	248	42.3
"	42.3	"	42.2	"	42.4
249	42.2	"	42.2	"	42.4
"	42.4	"	42.4	"	42.2

1891. aprillis 20. de'lelõts

objektaw = 290.

chron. jair 40^h öla.

11^h 10^m temperatuur + 8^o. 20

210	11 ^h	8	28.1	276	12 ^h	12	25.0
220			37.2	274			41.3
230			46.4	272			47.9
240			55.4	<u>207.8</u>		18	55
250			50.9	272		25	150.9
260		9	14.0	274			24.2
270			23.2	276			32.3
280			32.2	<u>324.95</u>		31	35
290			42.0	276		37	49.3
300			51.3	274			59.8
310		10	1.0	272		38	11.0
320			10.3	<u>235.8</u>		44	15
<u>504.9</u>		15	35	272		50	30.4
320		21	9.9	274			44.0
310			21.3	276			58.0
300			33.3	<u>304.75</u>		56	50
290			45.2	276	1 ^h	3	1.2
280			57.0	274			18.7
270		22	9.0	272			36.0
260			21.1				
250			33.2				
240			45.1				
230			58.0				
220		23	10.9				
210			24.0				
<u>93.65</u>		28	15				
260		34	24.1				
270			39.2				
280			54.9				
<u>413.3</u>		40	50				
280		47	11.1				
270			30.8				
260			50.9				
<u>164.8</u>		53	30				
272		59	59.7				
274	12 ^h	0	4.5				
276			9.8				
<u>358.1</u>		6	10				

1^h 5^m temperatuur = + 8^o. 30

1891 aprili 20 délután
 hőmérséklet: +8° 22

310	6h.	17m.	7.3
305			12.2
300			17.0
295			22.0
290			27.0
285			31.9
280			36.7
275			41.7
270			46.8
265			51.6
260			56.6
255		18m.	1.4
250			6.5
245			11.4
240			16.5
235			21.6
230			26.8
225			31.9
220			37.1
			<u>50.0</u>

250	30m.	2.3
255		8.5
260		14.9
265		21.2
270		27.4
		<u>428.2</u>

265	42m.	36.2
262		41.1
260		44.2
255		52.4
		<u>132.8</u>

255	54m.	48.6
260		59.1
262	59m.	7.0
265		9.2
		<u>264.0</u>

262	7h. 7m.	77.7
260		72.9
		<u>182.8</u>

260	19m.	4 5 1.8
261		4 5 5.0
262		4 5 8.2
263		5 1.6
		<u>374.8</u>

263	32m.	10.3
262		14.8
261		19.0
260		23.6
		<u>213.7</u>

261	44m.	78.0
262		77.2
263		38.9
		<u>300.6</u>

263	56m.	54.6
262	57m.	1.8
261	"	9.5

hőmérséklet: +8° 38

MAGYAR
 TUDOMÁNYOS AKADEMIÁ
 KÖNYVTÁRA

Elonyalok

378.2
295.4
231.2
181.2
142.0
111.1
86.9

2

0781
783
784
784
783
782

T

265	743.2	260	743.1	255	743.2
"	42.9	"	43.0	"	43.0
	~	"	43.2	262	743.1
	~	"	42.9	"	42.9
	~	"	43.3	"	43.2
260	743.0	261	43.0	"	43.0
"	42.9	"	43.3	"	42.9

Egyenleget

262.4
262.5
262.4
262.4
262.4
262.4

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

260	2500				
9 14.0	787.1				
22 21.1	723.0	+64.1	8069	5569	+36.05 759.05
34 24.1	806.8	-83.8	9232	6732	-47.12 59.68
47 50.9					
272					
34 42.3	764.6				
47 26.9	752.8	+11.8	0719	8219	+6.64 59.44
59 59.7	768.2	-15.4	1875	9375	-8.66 59.54
12 47.9	748.0	+20.2	3054	0554	+11.36 59.36
25 15.9	775.1	-27.1	4330	1829	-15.24 59.86
52 11.0	739.4	+35.7	5527	3027	+20.08 59.48
50 30.4	785.6	-46.2	6646	4146	-25.90 59.62

270	2500				
9 23.2	7658				
22 9.0	750.2	+15.6	1931	9431	+8.77 758.97
34 39.2	771.6	-21.4	3304	0804	-12.03 59.57
47 30.8					
274					
34 45.5	757.4				
47 22.9	761.6	-4.2	6232	3732	-2.36 59.24
0 4.5	756.8	+4.8	6812	4312	+2.70 59.50
12 41.3	762.9	-6.1	7853	5353	-3.43 59.47
25 24.2	755.6	+7.3	8633	6132	+4.10 59.70
37 59.8	764.2	-8.6	9345	6845	-4.84 59.36
50 44.0	754.7	+9.5	9777	7277	+5.34 60.04
3 18.7					

280	2500				
9 32.2	744.8				
21 57.0	777.9	-33.1	5198	2698	-18.61 759.29
34 54.9	736.2	+41.7	6201	3701	+23.45 59.65
47 11.1					
276					
34 48.6	750.4				
47 19.0	770.8	-20.4	5096	0596	-11.47 59.33
0 9.8	745.2	+25.6	4082	1582	+14.00 59.60
12 35.0	777.3	-32.1	5065	2565	-18.05 59.25
25 32.3	737.0	+40.3	6053	3552	+22.66 59.66
37 49.3	788.7	-51.7	7135	4635	-29.08 59.62
50 58.0	723.2	+65.5	8162	5662	+36.83 60.03
3 1.2					

МАСТЕР
 КОПИСТА
 КОПИСТА

504.9	- 0.82	504.08							
93.65	+ 0.62	94.27	409.81	61258	89104	0.7781	24995	36263	230.48 273.60
413.3	- 0.15	413.15	318.88	50362	89116	7783	25000	25362	179.32 273.59
164.8	+ 0.16	164.96	248.19	39478	89102	7781	24995	14483	139.58 273.57
358.1	- 0.03	358.07	193.11	28580	89096	7780	24993	03587	108.61 273.57
207.8	+ 0.04	207.84	150.23	17676	89120	7795	25030	92646	84.42 273.65
324.95	- 0.01	324.94	117.10	06856	89105	7781	24995	81861	65.86 273.70
233.8	+ 0.02	233.82	91.12	95961	89122	7784	25002	70959	51.24 273.70
304.75	- 0.00	304.75	70.93	85083					

1891. Aprilis 20. Delat.

1891. április 21-én. éjjel

objektív = 295. Chron. jór 9^h óra.

9^h 40^m hőmérséklet = +8°50 (?) esetleg vésztel 1866.

320	9 ^h	40	18.7	260	10 ^h	43	43.2	
310			25.2	270		44	65	23.3
300			32.0	280			30.3	23.8 71'
290			38.8	<u>360.4</u>		50	10	
280			45.1	293		56	41.3	
270			52.0	271			47.9	
260			59.0	269			53.9	
250		41	57	<u>200.3</u>	11	2	55	
240			12.6	269		9	20.3	
230			19.5	271			28.2	
220			26.4	273			36.0	
220		52	48.0	<u>325.75</u>		15	30	
230			56.2	273		21	56.2	
240		53	50	271		22	61.3	
250			13.3	269			16.2	
260			22.0	<u>228.05</u>		28	10	
270			30.6	269		34	34.9	
280			39.2	271			47.8	
290			48.0	273		35	0.4	
300			57.0					
310		54	6.0					
320			15.0					
<u>518.9</u>		59	35					
280	10	6	0.2					
270			11.1					
260			22.2					
<u>78.25</u>		12	15					
260		18	34.3					
270			48.9					
280		19	3.0					
<u>42.07</u>		24	5.0					
280		31	12.3					
270			30.5			18.2	5.5	
260			49.1			18.6		
<u>154.3</u>		37	3.0					

MAJYAR TUDOMÁNYOS AKADÉMIA KÖNYVTÁRA

11^h 40^m hőmérséklet = +8°41 (biztos)

1891. apulis 21. delvstan
 temperatura: +8.25

210 3h. 19m. 38.4
 220 43.6
 230 48.4
 240 53.8
 250 59.2 -
 260 14m. 4.3
 270 9.5
 280 14.8
 290 20.2
 300 25.5

260 27m. 6.3
 250 12.8 -
 240 19.4
 230 26.1
 220 32.8
 210 39.6
 200 46.5
 190 53.2

230 39m. 20.7
 235 25.0
 240 29.2
 245 33.4
 250 37.6
total 491.3

250 51m. 56.1
 245 52m. 1.3
 240 6.8
 235 12.2
 230 17.6
total 47.4

240 4h. 4m. 24.0
 245 31.0
 250 37.8
total 394.8

250 16m. 27.0
 245 45.8
 242 52.1
 240 54.4
total 123.2

240 29m. 7.6
 242 12.2
 245 18.9
 250 20.4
total 335.8

245 41m. 29.1
 242 27.4
 240 43.3
total 169.85 total

240 43m. 50.0
 242 57.2
 243 54m. 1.2
 245 8.4
total 299.7

245 5h. 6m. 10.7
 243 14.7
 242 24.6
 240 29.0
total 197.85

242 18m. 41.3
 243 47.6

MAGYAR
 TUDOMÁNYOS AKADÉMIA
 KÖNYVTÁRA

temperature: + 8.42

Elongation

443.6
347.1
271.6
212.6
166.35
120.75
50.201

g

0782
782
783
782
783
785

Expansion

242.4
242.5
242.5
247.5
242.5
242.5

T

230	743.2	240	743.1	250	742.9
"	43.2	"	43.2	"	43.3
245	43.1	"	43.0	"	43.1
"	43.2	"	43.0	"	43.0
"	42.8	"	42.8	"	43.0
"	43.0	"	43.1	242	42.8
"	43.0	"	43.0	"	42.8
"	43.1	"	43.1	"	43.1
243	42.6			"	42.7

260		2500	
40 59.0	743.0		
53 22.0	-37.2	5705	3205 -20.91
6 22.2	780.2	6821	4321 +27.05
18 34.3	732.1		
31 44.1	794.8	7973	5674 -35.27
43 43.2	714.1	9069	6568 +45.37

265		2500	
31 32.4	751.8		
44 4.2	-17.9	2529	0029 -10.07
56 53.9	769.7	3674	1174 +13.10
9 20.3	746.4		
22 16.2	775.9	4698	2197 -16.59
34 34.9	738.7	5705	3204 +20.41

270		2500	
40 52.0	758.6		
53 30.6	-1.9	2788	0288 -1.07
6 11.1	760.5	4314	1814 +1.52
18 48.9	757.8		
31 30.5	761.6	5798	3299 -2.14
44 6.5	756.0	7482	4981 +3.15

271		2500	
31 28.7	760.2		
44 8.9	+1.2	0792	8292 +0.67
56 47.9	759.0	1139	8639 -0.73
9 78.2	760.3		
22 6.3	758.1	3424	0923 +1.24
34 47.8	761.5	5315	2814 -1.91

280		2500	
40 45.1	774.1		
53 39.2	+33.1	5198	2698 +18.61
6 0.2	741.0	6212	3712 -20.51
19 3.0	782.8		
31 12.3	729.3	7284	4785 +30.10
44 30.3	798.0	8370	5869 -38.63

273		2500	
31 25.0	768.6		
44 13.6	+20.9	3201	0701 +11.75
56 41.3	747.7	4314	1814 -15.19
9 36.0	774.7		
21 56.2	740.2	5378	2877 +19.40
35 0.4	784.2	6435	3934 -24.74

MAJLIS KONGRES AKADEMIK KEMENTERIAN KEMENTERIAN

518.9	-0.42	517.98								
78.25	+0.85	79.10	438.88	64235	89096	07780	24993	39242	246.84	271.14
420.7	-0.46	420.54	341.44	53331	89157	7791	25020	28311	191.92	271.02
154.3	+0.24	154.54	266.00	42488	89073	7776	24983	17505	149.64	270.90
361.4	-0.03	361.37	206.83	31561	89122	7784	25003	06558	116.30	270.84
200.3	+0.07	200.37	161.00	20683	89140	7787	25010	95673	90.52	270.85
325.75	-0.00	325.75	125.38	09823	89153	7790	25018	84805	70.48	270.85
228.05	+0.03	228.08	97.67	98976						

1891. Aprilis. 21. ejus

1891. április 22 - délelőtti.

objektív = 295 dronajár 19^h óta

9^h 40^m temperatura = +8°32

250	9 ^h	38	41.0	260	10 ^h	54	25.8	
260			44.3	270			40.2	14.4
270			47.9	280			55.0	14.8 4.4
280			51.0	<u>417.0</u>	11 ^h	0	55	
290			54.1	280	11	7	10.7	
300			57.9	270			29.9	19.2 5.8
310		39	1.0	260			49.2	19.3
320			4.3	<u>161.05</u>		13	30	
320		51	8.0	271		19	59.1	
310			12.1	273		20	4.0	
300			16.2	275			8.9	
290			20.5	<u>360.05</u>		26	10	
280			25.0	275		32	37.2	
270			29.1	273			43.4	
260			33.4	271			49.9	
250			37.5	<u>205.3</u>		38	50	
240			42.0	271		45	14.1	
230			46.1	273			22.3	
222			50.5	275			30.5	
250	10 ^h	3	55.0	<u>325.85</u>		51	30	
260		4	0.1	275		57	53.9	
270			5.8	273		58	4.2	
280			11.1	271			11.9	
290			16.6					
280		16	41.0					
270			48.0					
260			55.0					

MAGYAR
TUDOMÁNYOS AKADEMIÁ
KÖNYVTÁRA

11^h 55^m temperatura = +8°52

Érő, összehely periodusú rezgés: a mielőtt felvétel
fajkálás.

260	29	13.5
270		27.6
280		31.4
<u>511.75</u>	35	30
280	41	56.5
270	42	8.1
260		20.0
<u>88.0</u>	48	15

260

2500

38 44.3	769.1					
51 33.4	+22.4	3502	1002	+12.60	759.30	
4 0.1	746.7				59.04	
16 55.0	-28.2	4502	2002	-15.86	58.97	
29 13.5	+36.4	5611	3111	+20.47	58.97	
42 20.0	-48.0	6812	4312	-26.99	59.51	
54 25.8	+60.7	7832	5332	+34.14	59.94	
7 49.2	-77.6	8899	6401	-43.66	59.74	

270

2500

38 47.9	761.2					
51 29.1	+4.5	6532	4032	+2.53	759.23	
4 5.8	756.7				59.11	
16 48.0	-5.5	7404	4904	-3.09	58.87	
29 22.6	+7.6	8208	6308	+4.27	59.37	
42 8.1	-10.9	0374	7874	-6.43	59.64	
54 40.2	+13.4	1271	8771	+7.54	59.80	
7 29.9	-17.6	2455	9957	-9.90		

280

2500

38 51.0	754.0					
51 25.0	-12.1	0828	8328	-6.80	759.30	
4 11.1	766.1				58.80	
16 41.0	+16.2	2095	9595	+8.90	58.87	
29 31.4	-20.5	3118	0618	-11.53	59.32	
41 56.5	+25.3	4031	1531	+14.22	59.72	
54 55.0	-33.4	5237	2737	-18.78	59.78	
7 10.7	+42.8	6314	3816	+24.08		

271

54 41.7	766.3	+15.2	1818	9319	+8.55	59.65
7 28.0	751.1	-19.7	2945	0445	-11.08	59.72
19 59.1	770.8	+26.6	4249	1749	+14.96	59.16
32 49.9	744.2	-36.6	5635	3135	-20.58	60.22
45 14.1	780.8					
58 14.9						

273

54 44.6	759.5					
7 24.1	-0.4	6021	3522	-0.22	59.68	
20 4.0	759.9				59.68	
32 43.4	+0.5				59.18	
45 22.3	+0.5				60.21	
58 4.2	-3.0	4771	2271	-1.65		

275

54 47.6	752.7					
7 20.3	-15.9	2014	9515	-8.94	59.66	
20 8.9	768.6				59.72	
32 37.2	+20.3	3075	0575	+11.42	59.14	
45 30.5	-25.0	3979	1479	-14.06	60.22	
57 53.9	+29.9	4757	2257	+16.82		

511.75 - 0.85	510.90	422.26	62558						
88.0 + 0.74	88.74			89044	0.7770	24969	37589	237.62	273.28
417.0 - 0.15	416.85	328.11	51602						
161.05 + 0.20	161.25	255.60	40756	89154	7790	25018	26584	184.43	273.17
360.05 - 0.03	360.02	198.77	29835	89079	7777	24988	15768	143.77	273.08
205.3 + 0.06	205.36	154.66	18938	89103	7781	24995	04840	111.79	273.04
325.85 - 0.00	325.85	120.49	08095	89157	7791	25020	93918	86.93	273.09

HASYAR
 TURONGGAW AKADÉMIA
 KONYUTARA

1891. aprili 22. de'leloll.

1891. április 23. ~~23~~ délután
 Dunapart. Felmérés Utáni este
 hőmérséklet: +8.72 °C

23

	pendul	443.9
295	8m	71.3
290		75.8
285		80.5
270		85.1
265		89.4
260		93.3
255		98.7
250	9m	7.3
245		7.6
240		12.0
235		16.5
230		21.0
225		25.5
220		29.6
215		34.3
210		38.8
205		43.3
200		47.8
195		52.3
190		56.8
185	10m	1.2
180		5.8
175		10.4
165	10m	19.3

pendul pont van értéke

165	20m	9.1
170		14.4
175		20.0
180		25.4
185		31.0
190		36.4
195		42.0
200		47.5
205		53.1
210		59.7
215	21m	7.5
220		10.3
225		16.2
	pendul	356.2
195	31m	13.2
190		19.9
185		26.8
	pendul	56.0
185	41m	50.1
190		58.4
192	47m	1.8
195		6.9
	pendul	299.3
195	57m	32.8
192		38.9
190		43.2
185		53.6
	pendul	102.8

MAGYAR
 TUDOMÁNYOS AKADÉMIA
 KÖNYVTÁRA

190 rh. 3m. 20.1
 * 192 75.1
 195 27.9
 total 262.0

195 13m. 50.6
 192 14m. 0.1
 191 7.4
 190 6.5
 total 133.2

190 24m. 40.9
 191 45.0
 192 48.7
 195 60.8
 total 237.5

192 25m. 70.8
 191 25.8
 190 30.7

Elongation
 300.2
 243.3
 196.5
 159.2
 178.8
 104.3

d
 0.810
 808
 810
 809
 810

Expansion
 190.3
 190.6
 190.7
 190.8
 190.8

Temperature: +8.89
 when 190.8m
 $t_0 = 11h 20m 27.0$
 $t_1 = 11h 31m 18.8$ $a = 1h 4m 6.4$
 $t_2 = 12h 24m 44.2$ $b = 1h 4m 8.0$
 $t_3 = 12h 25m 26.8$ $a = 3846.4$
 $b = 2848.0$
 $b - a = 1.1$

$\frac{a + b \delta}{6(1 + \delta)} = 641,222$ $\lambda = 0.9$
 $\text{corr} = 0,055$

$T_0 = 641,178$

T

185	641.4	190	641.3	195	641.4	240
"	41.3	"	41.3	"	41.3	230
"	41.3	"	41.3	"	41.3	220
192	41.2	"	41.3	"	41.2	160
"	41.2	"	41.2	"	41.3	170
"	41.1	"	41.0	"	41.2	180
"	41.2	"	41.3	191	41.2	190

220
230
240
250
260
270
280
290
300
310
320
330
340
340
330
320
310
300
290
280
270
260
250
240
230
220
210
200

1891. aprīlis 23

objektīvs = 290

darva. jūr 3^h ūta

9^h 43^m temperatūra = +8.90

g ^h	39	12.4	250	10	9	1.3
220		20.5	260			17.3
230		28.8	270			34.1
240		27.0	280			52.0
250		45.3	290			
260		57.0	300			
270		2.4	<u>355.0</u>		14	15
280	40	11.0	240		20	2.3
290		20.2	230			20.9
300		29.1	220			39.1
310		38.2	210			—
320		48.0	200		21	15.4
330		57.9	190			34.0
340		<u>elnulas Rostam</u>	180			18.6
340	50	19.0	170		22	52.3
330		30.3	<u>54.6</u>		28	11.1
320		41.2	175		35	35
310		52.1	185			43.0
300	51	3.0	195		36	24.3
290		13.3	<u>281.0</u>			7.3
280		24.0	180		42	32.1
270		34.5	184		50	55
260		45.0	182			20.0
250		55.3	<u>111.0</u>		57	26.2
240	52	5.9	182	11 ^h		33.0
230		16.0	184		4	20
220		26.2	186			37.0
160	10 ^h	51.3	<u>238.95</u>		11	45.8
170	7	5.0	186		18	54.1
180		18.3	184		19	35
190		32.4	182			56.4
200		46.8	<u>142.85</u>		26	7.3
210	8	1.0				14.1
220		15.4				00
230		30.1				
240		45.6				

negatīvs jūrai
a gēp

182	11h	33	11,5
184			26,9
186			42,2
215,1		40	20
186		47	28,9
184			18,9 + 30°
182			39,0 + 30°

10^h 45ⁿ temperatura +9,01

Eros esores az esen nyitogatás alatt.

$$l_0 = 10h \cdot 7m \quad 24,2$$

$$l_0' = 10h \cdot 21m \quad 44,6 \quad a = 1h 26m \quad 4,2 s = 5764,2$$

$$b = 1h 26m \quad 2,2 s = 5762,2$$

$$l_0 = 11h \quad 33m \quad 28,4$$

$$b - a = -1,9$$

$$l_0' = 11h \cdot 47m \quad 16,9$$

$$\frac{a + b \lambda}{b(1 + \lambda)} = 860,563 \quad \lambda = 0,77$$

$$\lambda_{err} = 0,008$$

$$T_0' = 860,571.$$

$$T' = 860,571$$

$$\frac{1}{T'} - \frac{1}{T} = 0,0000010822$$

$$T = 641,178 \text{ bit}$$

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

220

39 12.4
 52 26.2 793.8 -155.4 1915 9478 -88.68 860.52
 8 15.4 949.2 +205.5 3129 0692 +117.28 60.98
 20 39.1 743.7 2437

175

4 11.7 850.0 +68.7 8370 5932 +39.19 60.49
 2 1.7 821.3
 05 43.0

182

21 48.6 851.4 -27.6 3345 0907 -1232 60.68
 36 0.0 873.0 +29.0 4624 2187 +16.55 60.55
 50 33.0 844.0 -38.1 5809 3373 -2175 60.35
 4 37.0 822.1 +45.7 6464 4529 +28.37 60.77
 19 19.1 832.4 -65.1 8136 5702 -37.17 60.33
 33 11.5 897.5 -0.03 354.97 299.29 47609
 546 +1.08 55.68 281.00 225.32 35280 87671 0.7529 24375 23234 170.74 184.23
 281.0 -0.00 111.47 169.53 22925 87645 7524 24363 10917 128.58 184.26
 111.0 +0.47 238.95 +0.01 238.56 127.49 10548 87623 7520 24353 98572 96.77 184.23
 238.95 +0.01 142.85 +0.27 143.12 95.84 98155 87607 7518 24348 86200 7278 184.25
 142.85 +0.27 215.1 +0.03 215.13 72.01 85739 87584 7514 24338 73817 5472 184.24

230

39 20.5 775.5 -198.6 2980 0543 -113.32 860.78
 52 16.0 974.1 4205 1768 +150.23 61.03
 8 30.1 710.8 +263.3 2437

185

7 25.3 857.8 -6.4 8062 5624 -3.65 60.55
 21 43.1 864.2
 36 7.3

184

21 45.0 859.9 -1.4 1461 9023 -0.80 60.50
 36 4.9 861.3 +1.7 2304 9867 +0.97 60.57
 50 26.2 859.6 -1.9 2788 0352 -1.08 60.42
 4 55.8 861.5 +1.9 +1.08 60.68
 19 7.3 859.6 +1.9
 33 26.9 862.0 -2.4 3802 1368 -1.37 60.63

240

39 28.8 757.1 -242.6 3849 1412 -138.43 861.27
 52 5.9 999.7 2655 +184.30 61.00
 8 45.6 676.7 +323.0 2437

195

7 39.6 825.1
 21 24.7 907.4 -82.3 9154 6716 -46.95 60.75
 36 32.1

186

21 41.3 868.5 +78.3 2625 0187 +10.44 60.64
 36 9.8 850.2 -23.9 3784 1347 -13.64 60.46
 50 20.0 874.1 +32.1 5065 2629 +18.32 60.32
 4 54.1 842.0 -44.1 6444 4009 -25.17 60.93
 18 56.1 826.7 +59.4 7738 5304 +33.91 60.61
 33 42.2
 47 28.5

1891. április 24. délután
 temperature + 8° 88

200 10h. 43m. 75.1
 210 78.2
 220 71.2
 230 74.2
 240 77.1
 250 90.1
 260 97.2-
 270 96.1
 280 99.1
 290 125.1
 300 255.2
 310 58.1

290 57m. 54.6
 280 58.4
 270 58m. 7.5-
 260 65-
 250 10.5-
 240 14.6
 230 58m. 18.7

260 11h. 12m. 72.4
 265 75.2
 270 77.8

270 26m. 91.7
 265 95.3-
 260 98.8

260 41m. 1.8
 265 6.4
 270 11.1

270 55m. 20.1
 265 26.3
 260 22.6

total 74.2

260 12h. 9m. 79.7
 263 44.7
 265 58.2
 267 51.3
 270 56.4
 total 408.0

270 23m. 56.6
 267 24m. 7.0
 265 7.4
 263 11.9
 260 18.7
 total 157.1

263 38m. 23.9
 265 29.6
 267 35.6
 total 345.8

267 57m. 41.0
 265 48.8
 263 56.7
 total 203.95

263 1h. 7m. 1.1
 265 11.2
 267 22.0

265m 1. = 11h. 26m 45.7
 2. = 11h. 41m 6.4
 16. = 12h. 52m 48.8
 16. = 1.2. 7m 11.2

temperature + 9° 08

264,8m 1. = 11h. 26m 45,5
 2. = 11h. 41m 6,2
 16. = 12h. 52m 49,6
 16. = 1h. 7m 10,1
 $\frac{a+b}{b(1+x)} = 860,669$

a = 1h. 26m 4,1 = 5164,1
 b = 1h. 26m 2,9 = 5163,9
 b - a = 0,2
 x = 1,4 Cos = 0,028
 $T_0' = 860,697$

MAGYAR
 TUDOMÁNYOS AKADÉMIA
 KÖNYVTÁRA

Elongatio

333.8
250.9
188.7
141.85

d
0.752
752
752

Egersuf
264.8
264.8
264.8

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

T

260	860.1			270	860.2
"	60.4			"	60.4
"	60.6	265	860.6	"	60.6
"	60.6	"	60.5	"	60.6
"	60.6	"	60.8	"	60.7
"	60.8	"	60.7	"	60.8
263	60.7	"	60.5	267	60.7
"	60.9	"	60.9	"	60.9
"	60.6	"	60.6	"	60.7

1891. április 24. délután

objektív = 220

chron jár 22^h óta

4^h 25^m hőmérséklet = +8^o.93

innen jár a gép

150				195	5 ^h	14	49.6								
160				205		15	4.4								
170	4 ^R	31	58.4	215			20.0								
180		32	5.0	<u>329.0</u>		20	20								
190			11.2	215		25	34.0								
200			18.0	205			52.2	18.2	3,673						
210			24.1	195		26	11.1	18.9							
220			31.0	<u>108.05</u>		31	0								
230			37.2	195		36	2.3								
240			43.9	205			25.2	2.9							
250			50.1	215			48.7	23.5	9.4						
260			57.1	<u>286.95</u>		41	40	4.7							
270		33	4.0	209		47	5.7								
<u>492.95</u>		37	35	207			11.4								
270		42	13.3	205			17.1								
260			21.3	<u>142.2</u>		52	25								
250			29.3	205		57	45.2								
240			37.1	207			52.2								
230			45.1	209			59.2								
220			53.0	<u>259.35</u>	6 ^h	3	5								
210		43	1.0	209		8	25.1								
200			9.0	207			34.0								
190			17.0	205			42.4								
180			25.1	<u>164.75</u>		13	45								
170			33.3	→ gyerekek voltak a falat.											
160			41.8												
150			50.0	205		19	3.2								
<u> </u>	neu észlehető.			207			14.0								
190		53	28.2	209			24.8								
200			38.1	<u>241.3</u>		24	25								
210			48.0	209		29	43.8								
220			58.0	207			56.9								
<u>393.75</u>		58	55	205		30	10.1								
215	5	4	16.3	<div data-bbox="990 1901 1195 1996" data-label="Text"> <p>MAGYAR TUDOMÁNYOS AKADÉMIA KÖNYVTÁRA</p> </div> <div data-bbox="956 2308 1468 2417" data-label="Text"> <p>6^R 28^m hőmérséklet = 9.17</p> </div> <div data-bbox="956 2417 1366 2525" data-label="Text"> <p>a = 12.4m 7.20 = 3847.2 b = 12.4m 7.90 = 3847.9 b-a = 0.7</p> </div> <div data-bbox="785 2498 1417 2634" data-label="Equation-Block"> $\frac{a+b}{b(1+\delta)} = 641.237 \quad \lambda = 1 \quad \text{C}_w = 0.068$ $T_0 = 641.169$ </div>											
205			28.5												
195			41.0												
<u>55.8</u>		9 ^R	35												

MAGYAR TUDOMÁNYOS AKADÉMIA KÖNYVTÁRA

6^R 28^m hőmérséklet = 9.17

a = 12.4m 7.20 = 3847.2
b = 12.4m 7.90 = 3847.9
b-a = 0.7

Equations for T0 and lambda

195		2576
32 14.6	658.4	
43 13.0	+38.2	5821 3245 +21.11 641.31
53 33.2	620.2	
4 41.0	-47.6	6776 4200 -26.30 41.50
14 49.6	667.8	
26 11.1	+59.2	7723 5147 +32.71 41.31
36 2.3	608.6	
	-72.9	8627 6052 -40.29 41.21
	+90.3	9557 6982 +44.91 41.11

205		2576
32 21.1	643.9	
43 5.0	+5.9	7709 5133 +3.26 641.26
53 43.0	638.0	
4 28.5	-7.5	8751 6175 -4.14 41.36
15 4.4	+9.6	9823 7277 +5.31 41.21
25 52.2	-11.9	0755 8180 -6.58 41.22
36 25.2	+14.8	1703 9128 +8.18 41.18

215		2576
32 27.5	629.5	
42 57.0	-26.5	4232 1656 -14.64 641.36
53 53.0	656.0	
4 16.3	+32.7	5145 2569 +18.07 41.37
15 20.0	-40.4	6064 3488 -22.33 41.37
25 34.0	+49.7	6964 4389 +27.47 41.47
36 48.7	-60.7	7832 5257 -33.55 41.15

205		
25 52.2	633.0	
36 25.2	-18.9	2765 0189 -10.45 41.45
47 17.1	651.9	
57 45.2	+23.8	3766 1190 +13.15 41.25
8 42.4	-29.1	4639 2064 -16.09 41.11
19 3.2	+36.4	5611 3036 +20.12 40.92
30 10.1	-46.1	6637 4061 -25.48 41.42

207		
25 48.6	641.3	
36 29.9	-0.2	3020 6434 -0.11 41.59
47 11.4	641.5	
57 52.2	+0.7	8451 5875 +0.39 41.19
8 34.0	-1.0	0 7425 -0.55 41.25
19 14.0	+1.8	2553 9978 +0.99 40.99
29 56.9	-2.9	4624 2048 -1.60 41.30

209		
25 44.9	649.7	
36 34.6	+18.6	2695 0119 +10.28 41.38
47 5.7	631.1	
57 59.2	-22.4	3502 0926 -12.38 41.12
8 25.1	+27.6	4409 1834 +15.26 41.16
19 24.8	-33.8	5289 2714 -18.68 41.02
29 43.8	+40.7	6096 3520 +20.49 41.49

MAJYAR
 TIBOLTAZS AKADEMIA
 KÖNYVTÁRA

393.75 - 0.44	393.31									
55.8 + 0.37	56.17	337.14	52781	90791	0.8089	0.25742	27039	186.38	206.93	
329.0 - 0.11	328.89	272.72	43572	90812	8093	25751	17821	150.73	206.90	
108.05 + 0.12	108.17	220.72	74384	90841	8099	25766	08618	121.95	206.94	
286.95 - 0.03	286.92	178.75	25225	90816	8094	25753	99472	98.79	206.96	
142.2 + 0.04	142.24	144.68	16041	90815	8094	25753	90288	79.96	206.96	
254.35 - 0.01	254.34	117.10	06856	90719	8076	25710	81146	64.78	207.02	
164.75 + 0.02	164.77	94.57	97575	90808	8092	25748	71827	52.27	207.07	
241.3 - 0.00	241.30	76.53	88383							

1891. aponis 24. delutan.

1891. április 25. este.

objektív = 220.

chron. járó 49^h óta.

6^h 36^m temperatura = +9.10

300	6	38	12.3	270	7 ^h	21	12.2		
290			18.1	280			25.9		
280			23.5	290			39.0		
270			29.3	<u>460.15</u>		28	15		
260			35.0	290		35	29.1		
250			41.0	280			46.8	17.7	
240			46.5	270		36	4.4	17.6	3.5
230			52.2	<u>145.1</u>		42	35		
220			58.1	270		49	43.9		
210		39	4.1	280		50	7.3	23.4	4.7
200			10.0	290			31.1	23.8	4.8
190			16.0	<u>381.95</u>		57	0		
180			22.0	282	8	4	22.4		
170			28.0	280			28.9		
170		51	22.3	278			35.0		
180			30.0	<u>203.85</u>		11	15		
190			37.2	278		18	40.5		
200			44.6	280			49.0		
210			52.1	282			57.1		
220			59.4	<u>337.7</u>					
230		52	7.0	282					
240			14.2	280		33	0.2		
250			21.9	280			4.3		
260			29.1	278			22.5		
270			36.9						
280			44.1						
290			52.0						
300			59.3						

MAGYAR TUDOMÉNY-ÉS AKADÉMIAI KÖNYVTÁRA

300	7	6	45.1
290			55.0
280		7	5.0
270			15.1
260			25.2
41.1		13	85

8^h 30^m temperatura +9.22

Abund. 280 =

t₀ = 6h. 52m 44.1

t₁' = 7h. 2m 5.0

t₂' = 8h. 18m 49.0

t₃' = 8h. 37m 11.2

a = 1h. 26m 4.9 = 5164.9

b = 1h. 26m 6.2 = 5166.2

b-a = 1.3

$\frac{a + bt}{b(1 + \lambda)}$ = 560,910 λ = 1/3 λ_{max} = 0,020
T₀' = 560,930

1891. April 25. diculok
 temperatura: + 9:00

200 11h. 39m. 20.1 }
 205 25.1 } 5.0
 210 30.2 }
386.8 *partal*

210 45m. 1.3 }
 205 7.6 } 10.5
 200 13.8 }
partal 54.5

200 55m. 30.8
 205 48.3
 210 56.2
partal 323.4

210 12h. 6m. 14.5
 205 77.9
 203 77.6
 200 33.4
partal 106.0

200 17m. 8.2
 205 7.2
 205 12.0
 210 73.7
partal 282.1

210 27m. 30.4
 205 44.8
 203 50.6
 200 59.1
partal 139.7

200 38m. 78.1
 203 78.3
 204 72.4
 205 75.9
partal 255.0
 205 49m. 6.7
 204 9.1
 203 17.7
 200 26.9
partal 61.75

203 59m. 59.9
 204 55.4
 205 1h. 0m. 1.0
partal 237.2

205 10m. 23.7
 204 30.3
 203 37.0

temperatur + 9:16

Elongasi	δ	Eyurany
332.3	0.809	203.1
268.9	808	203.2
217.4	810	203.3
176.1	809	203.4
142.4	810	203.4
115.3	809	203.4
93.25	809	203.4
75.45	809	203.4

Ann ~~202.0~~
 203.2 $l_0 = 112.55m$ 45.7
 203.2 $l_0 = 12h$ 6m 27.2 $a = 1h.4m$ 6.4
 203.4 $l_0 = 12h$ 59m 52.1 $b = 1h.4m$ 7.1
 203.4 $l_0 = 1h$ 10m 34.3 $a = 3846.4$
 $b = 2847.1$

$$\frac{a + b\delta}{6(1 + \delta)} = 641,119 \quad \lambda = 0,64 \quad \text{Ann } 0,029$$

$$\underline{\underline{\mathcal{P}_0 = 641,090}}$$

I

210	641.1	205	641.2	200	641.1
203	41.3	"	41.3	"	41.2
"	40.9	"	41.0	"	41.1
"	41.1	"	41.1	"	41.3
"	41.3	"	41.1	204	41.0
"	41.1	"	41.3	"	41.2

270
2435
38 29.3 847.6
52 36.9 878.2 -30.6 4854 2422 -17.47
7 15.1 837.1 +41.1 6138 3703 +23.46
21 12.2 892.2 -55.1 7412 4977 -31.46
36 4.4 819.5 +72.7 8615 6180 +41.50

278
35 50.3 852.3
50 2.6 872.4 +20.1 3632 0595 -11.47
4 35.0 845.5 +26.9 4292 1863 +15.36
18 40.5 882.0 -36.5 5623 3188 -20.83

280
2435
38 23.5 860.6
52 44.1 860.5 -0.3 4771 2336 -0.17
7 5.0 860.9 0.0 0.00
21 25.9 860.9 0.0 0.00
35 46.8 860.9 0.0 0.00
50 7.3 860.5 +0.4 6021 3586 +0.23

282
35 46.8 860.5
50 7.3 861.6 -1.1 0414 7977 -0.63
4 28.9 860.1 +1.5 1761 9326 +0.86
18 49.0 862.3 -2.2 3424 0989 -1.26

290
2435
38 18.1 873.9 +30.9 4900 2465 +17.64
52 52.0 843.0 -41.0 6128 3693 -23.41
6 55.0 884.0 +53.9 7316 4881 +30.77
21 39.0 902.0 -71.9 8567 6132 -4.04
35 29.1 830.1 +31.6 4947 2562 +18.05
50 31.1 843.1 +31.6 4947 2562 +18.05

282
35 43.3 868.8 +18.5 2672 0235 +10.55
50 12.1 850.3 -24.4 9874 1439 -13.93
4 22.4 874.7 +31.6 4947 2562 +18.05
18 57.1 843.1 +31.6 4947 2562 +18.05
35 0.2 843.1 +31.6 4947 2562 +18.05

41.1 + 0.47 41.57
460.15 - 1.14 459.01 417.44 62059 87617 07519 24351 37708 238.22 279.85
145.1 + 0.03 145.13 318.88 49676 87702 7534 24388 25288 179.01 280.00
381.95 - 0.35 381.60 236.47 37378 87603 7517 24346 13032 135.00 280.13
203.85 + 0.00 203.85 177.75 24981 87639 7523 24361 00620 101.44 280.16
337.7 - 0.13 337.57 133.72 12620

1891.91775, etc

1891. April 26. Sunday

Temperature + 9:00

290 11h. 36m. 13.3
 285 17.7
 280 20.4
 275 27.0
 270 31.7
 265 36.2
 260 40.8 -
 255 45.4
 250 50.1
 245 54.6 /
 240 59.6
 235 37m. 4.1
 230 8.8
 225 13.7
 220 18.3
 215 23.2
 210 28.2

total 0.1

250 50m. 52.2
 255 58.2
 260 51m. 4.5 -
 265 10.6
 270 16.9
 275 23.2 -
 280 29.4

total 453.3

265 12 h. 5m. 13.5
 260 21.8
 258 25.0 -
 255 29.9

total 113.0

255 19m. 35.9
 258 42.4
 260 46.8
 265 57.8
 total 368.7

260 39m. 1.9
 259 4.5
 258 7.8
 255 16.4
 total 176.4

255 48m. 11.0
 258 22.4
 259 26.1
 260 30.1
 total 321.0

260 1h. 2m. 41.6
 259 46.6
 258 51.8
 total 212.3

258 17m. 1.0
 259 17m. 7.7
 260 14.2

Temperature + 9:20

Elongation	D	Exposure
453.2	0.751	258.9
340.3	751	59.0
258.7	752	59.0
192.3	752	58.9
144.6	752	58.9
108.7	752	

T

255	860.9	260	861.6	265	860.9
"	60.7	"	60.6	"	60.7
"	60.8	"	60.8	258	60.8
"	60.8	"	60.7	"	60.8
259	60.9	"	61.0	"	60.9
"	60.5	"	60.5	"	60.7

Almérés 254 m

$$l_0 = 11h \quad 26m \quad 41,7$$

$$l_0' = 11h \quad 57m \quad 3,3$$

$$l_6 = 1h \quad 2m \quad 46,6$$

$$l_6' = 1h \quad 17m \quad 7,7$$

$$a = 1h \quad 26m \quad 4,9 \quad \sigma = 5164,9$$

$$b = 1h \quad 26m \quad 4,4 \quad \sigma = 5164,4$$

$$b - a = -0,5$$

$$\frac{a + b\delta}{b(1 + \delta)} = 860,787$$

$$\delta = 0,1 \quad \text{am.} \quad 0,056$$

$$\underline{\underline{T_0' = 860,797}}$$

1891. április 26. délután

objektív = 220.

chron. jár 18^h óla-

2^h 7^m temperatura = + 9.10

300	2 ^h	12 ^m	43.6		200	2 ^h	56	1.0	
290			—		190			8.9	
280			50.5		180			16.4	
270			53.9		<u>-42.3</u>	3 ^h	1	20	
260			57.0		180		6	37.0	
250		13	0.5	↑ megelőzések a társaság, hirtelen nagy beállítás Kíné vállalkoz.	190			46.8	
240		4.0	200					56.2	
230			7.1		<u>380.8</u>		12	0	
220			10.5		200		17	20.5	
210			14.0		190			32.5	
200			17.3		180			44.5	
190			20.7		<u>39.05</u>		22	40	
180			24.1		180		27	53.1	15.0
170			<u>27.6</u>		190		28	8.1	14.9
170		23	53.0		200			23.0	3.0 6.0
180			57.0	<u>315.5</u>		33	20		
190		24	1.7	200		38	28.4	18.3	
200			5.9	190			56.4	3.7 7.2	
210			10.0	180		39	15.0	18.6	
220			14.1	<u>92.05</u>		44	5		
230			18.2	190		49	28.4		
240			22.8	192			33.2		
250			27.6	<u>29.4</u>			37.4		
260			31.2	<u>273.05</u>		54	45		
270			35.4	194	4 ^h	0	9.2		
280			40.0	192			15.1		
290			44.2	190			20.8		
300			49.0	<u>126.65</u>		5	25		
210		34	34.9	190		10	48.3		
200			40.0	192			55.2		
190			45.1	194		11	2.3		
180			50.1	<u>245.1</u>		16	7.5		
170			55.3	194		21	28.9		
180		45	18.1	192			37.8		
190			24.5	190			46.2		
200			31.0						
480.9		50	35						

4^h 19^m temperatura = + 9.30

MAGYAR
TUDOMÁNYI AKADEMIÁ
KÖNYVTÁRA

Átműt. 142 m

$$l_0 = 3h. 6m \quad 48,7$$

$$l_0' = " \quad 17m \quad 30,1$$

$$l_6 = 4h \quad 10m \quad 55,2$$

$$l_6' = 4h \quad 21m \quad 37,8$$

$$a = 1h. 4m \quad 6,51 = 3846,5$$

$$b = 1h. 4m \quad 7,72 = 3847,7$$

$$b-a = 1,2$$

$$\frac{a+b}{6(1+r)} = 641,157 \quad \lambda = 1,04 \quad \text{évs.} = 0,073$$

$$\underline{T_0 = 641,084}$$

180	2576			
13 24.1	632.9			
23 57.0	-20.2	3054	0478	-11.16
34 50.1	653.1			
45 18.1	628.0	+25.1	3997	1421 +13.87
56 16.4	658.3	-30.3	4814	2238 -16.74
6 37.0	620.6	+37.7	5763	3187 +20.83
17 44.5	667.5	-46.9	6712	4136 -25.92
27 53.1	608.6	+58.9	7701	5125 +32.55
39 15.0	681.9	-73.3	8651	6076 -40.51

190	2576			
13 20.7	641.0			
24 1.7	643.4	-2.4	3802	1226 -1.33
34 45.1	639.4	+4.0	6021	3445 +2.21
45 24.5	644.4	-5.0	6990	4494 -2.76
56 8.9	637.9	+6.5	8129	5553 +3.59
6 46.8	645.7	-7.8	8921	6345 -4.31
17 32.5	635.6	+10.1	0043	7467 +5.58
28 8.1	648.3	-12.7	1038	8462 -7.02
38 58.4				

200	2576			
13 17.3	648.6	+14.5	1614	9038 +8.01
24 5.9	634.1			
34 40.0	651.0	-16.9	2279	9703 -9.34
45 31.0	630.0	+21.0	3222	0646 +11.60
56 1.0	655.2	-25.2	4014	1438 -13.92
6 56.2	624.3	+30.9	4900	2324 +17.08
17 20.5	662.5	-38.2	5821	3245 -21.11
28 23.0	615.1	+47.4	6758	4183 +26.20
38 38.1				

190	2576			
28 8.1	648.3	+16.3	2122	9547 +9.01
38 56.4	632.0	-20.4	3096	0520 -11.27
49 28.4	652.4	+24.9	3962	1386 +13.76
0 20.8	627.5	-30.4	4829	2253 -16.80
10 48.3				
21 46.2				

192	2576			
28 11.1	641.6	+1.1	0414	7839 +0.61
38 52.7	640.5	-1.4	1461	8885 -0.77
49 33.2	641.9	+1.8	2553	9977 +0.99
0 15.1	640.1	-2.5	3979	1403 -1.38
10 55.2				
21 37.8				

194	2576			
28 14.1	635.0	-13.3	1239	8664 -7.35
38 49.1	648.3	+16.5	2175	9599 +9.12
49 37.4	631.8	-21.3	3284	0708 -11.77
0 9.2	626.6	+26.5	4232	1656 +14.64
11 2.3				
21 28.9				

480.9	-1.47	479.43	520.25	71621						
-42.3	+1.48	-40.82	421.27	62456	90835	0.8098	0.25763	45858	287.46	191.97
380.8	-0.35	380.45	340.91	53264	90808	8092	25749	36707	232.85	192.03
39.05	+0.49	39.54	275.89	44073	90809	8092	25749	27515	188.43	192.02
315.5	-0.07	315.43	223.21	34871	90798	8091	25747	18326	152.50	192.04
92.05	+0.17	92.22	180.82	25475	90854	8101	25770	09101	123.31	192.12
273.05	-0.01	273.04	146.32	16530	90805	8092	25749	99976	99.94	192.16
126.65	+0.07	126.72	07328	90798		8091	25747	90783	88.88	192.16
245.1	-0.00	245.10								

1891. algoritma 26. dituliskan.

1891. aprillis 27. di'lelõõl.

objektivi = 220.

daron-jär 40^h öla

11^h 20^m temperatuur = +9.13

375.1	11 ^h	23 ^m	35 ^s	211	12 ^h	11	44.5
300		26	57.2	209			50.8
290		27	12.3	207			57.3
280			27.1	<u>157.7</u>		17	0
270			41.3	207		22	21.4
260			55.4	x 209			29.5
250	28		9.0	211			37.1
240			22.9	<u>256.05</u>		27	40
230			36.4	211		33	4.4 9.6
220			50.0	209			14.0 9.9
210			3.8	207			23.9
200	29		17.5	<u>171.75</u>		38	20
190			31.5	207		43	38.5 12.2
180			45.7	x 209			50.7 12.3
170	30		0.1	211		44	3.0
<u>74.6</u>	34		15	<u>240.0</u>		49	0
180			57.0	210		54	30.0
190	39		13.9 x	209			37.1
200			30.8	208			44.9
210			47.2 16.4 4.9	<u>184.8</u>		59	40
220	40		26 17.4	208 1 ^h		5	2.0 8.8
<u>317.95</u>	45		0	209			10.8 9.1
220			5.0 20.9	210			19.9
210			25.9				
200			47.0 21.1 6.3				
<u>121.05</u>	55		40				
207 12 ^h	1		3.8				
209			(2.9)				
211			8.0 5.0				
			13.0 5.2				
			18.2 5.2 x				
			23.4				
<u>280.5</u>	6		20				

1^h 3^m temperatuur = +9.32

Almus 209, 4 em

- l₀ = 11 h 39 m 46.2
- l₁' = 11 h 50 m 29.2 a = 1 h 4 m 6.90 = 3846.9
- b = 1 h 4 m 6.92 = 3846.9
- l₂ = 12 h 43 m 53.1 b-a = 0
- l₃' = 12 h 54 m 34.1

$$\frac{a + l_2}{6(1 + \delta)} = 641,150 \quad \lambda = 0,6 \quad \text{ant. } 0,024$$

$$T_0 = 641,126$$

1891. apr. 27. délelőn

Temperatura: +9°20

pusk. 29.0

210. 6h. 27m. 18.2
 215 24.8
 220 21.5
 225 28.4
 230 45.2
 235 57.1
 240 59.0
 245 28m. 5.7
 250 12.6
 255 19.4
 260 26.3
 265 33.3
 270 40.2
 275 47.2
 280 54.4

pusk. 431.6

265 42m. 74.2
 260 43.4
 258 47.0
 255 52.6
 pusk. 129.3
 255 46m. 56.6
 258 57m. 9.6
 259 6.2
 260 8.9
 265 21.0

pusk. 356.6

260 7h. 11m. 27.8
 259 26.9
 258 20.3
 255 40.0
 pusk. 185.7
 258 25m. 43.4
 259 47.8
 260 52.1

pusk. 314.2

260 40m. 3.7

259 8.9

258 15.1

pusk. 217.7

258 54m. 21.7

259 29.2

260 36.4

pusk. 290.2

260 8h. 2m. 41.6

259 51.2

258 9m. 0.7-?

Temperatura +9°38

Elongacio	d	Expensio
402.6	0751	258.9
302.8	752	259.0
227.3	752	259.0
170.9	752	259.1
128.5	751	259.1
96.5	751	259.1
72.5	751	259.1

MAGYAR
 TUDOMÁNYOS AKADÉMIA
 KÖNYVTÁRA

T

255	860.7	260	860.7	265	860.6
258	60.9	"	61.0	258	61.0
259	60.8	"	60.7	"	60.6
"	61.0	"	61.1	"	61.1
"	60.7	"	60.7	"	60.9
"	61.1	"	60.9	"	"

Altamont 259-cm

$$L_0 = 6h \cdot 28m \cdot 25,00$$

$$L'_0 = 6h \cdot 42 \cdot 45,2$$

$$L_6 = 7h \cdot 54m \cdot 29,2$$

$$L'_6 = 8h \cdot 8m \cdot 51,2$$

$$a = 1h \cdot 26m \cdot 4,2 = 5164,2$$

$$b = 1h \cdot 26m \cdot 6,0 = 5166,0$$

$$b - a = 1,8$$

$$\frac{a + b \cdot \lambda}{b(1 + \lambda)} = 860,829$$

$$\lambda = 0,7 \text{ Ann.} = 0,007.$$

$$\underline{\underline{J'_0 = 860,836}}$$

April 26 d.e. 860,797.

Apr. 26 d.u.

Apr. 27 d.e.

Apr. 27 d.u. 860,836

$$J'_1 = 860,817$$

641,084

641,126

$$J_0 = 641,105$$

$$\frac{1}{J_2} - \frac{1}{J_1} = 8,000000108348$$

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

6
1.0
6
1
9

200
 29 17.5 613.3 -62.9 7986 5409 -34.74 641.46
 39 30.8 676.2
 50 47.0

2576

207
 39 42.3 649.9 +49.2 2833 0257 +10.61 41.31
 50 32.2 630.7
 1 2.9 654.4 -23.7 3747 1171 -13.09 41.31
 11 57.3 624.1 +30.3 4814 2239 +16.75 40.85
 22 21.4 662.5 -38.4 5843 3267 -21.22 41.28
 33 23.9 614.6 +47.9 6803 4229 +26.48 41.08
 43 38.5

208
 33 19.0 625.6
 43 44.6 660.3 -34.7 5403 2827 -19.18 41.12
 54 44.9 617.1 +43.2 6355 3780 +23.88 40.98
 5 2.0

375.1 - 0.31 374.79
 74.6 + 0.26 74.86 299.93 47702
 317.95 - 0.08 317.87 243.01 38563 90861 0.8102 25773 21929 165.69 209.10
 121.05 + 0.08 121.13 196.74 29389 90826 8096 25758 12805 134.29 209.15
 280.5 - 0.02 280.48 159.35 20236 90847 8100 25768 03621 108.69 209.18
 151.7 + 0.03 151.73 128.75 10975 90739 8080 25720 94516 88.14 209.27
 256.05 - 0.00 256.05 104.32 01836 90861 8102 25773 85202 71.13 209.35
 171.75 + 0.01 171.76 84.29 92578 90742 8080 25720 76116 57.70 209.43
 240.0 - 0.00 240.00 68.24 83404 90826 8096 25758 66820 46.58 209.47
 184.8 + 0.00 184.80 55.20 74194 90790 8089 25742 57662 37.72 209.48

210
 29 3.8 643.4
 39 47.2 638.7 +4.7 6721 4144 +2.60 641.30
 50 25.9

2576

209
 39 45.6 642.4 +2.4 3802 1226 +1.32 41.32
 50 28.0 640.0
 1 8.0 642.8 -2.8 4472 1896 -1.55 41.25
 11 50.8 638.7 +4.1 6128 3553 +2.27 40.97
 22 29.5 644.5 -5.8 7634 5058 -2.21 41.29
 33 14.0 636.7 +7.8 8921 6347 +4.31 41.01
 43 50.7

209
 33 14.0 636.7
 43 50.7 646.4 -9.7 9868 7292 -5.36 41.04
 54 37.1 633.7 +12.7 1038 8462 +7.02 40.72
 5 10.8

220
 28 50.0 674.6
 40 4.6 600.4 +74.2 8704 6127 +40.99 641.39
 50 5.0

2576

211
 39 48.9 634.9 -14.3 1553 8977 -7.90 41.30
 50 23.8 649.2
 1 13.0 631.5 +17.7 2480 9904 +9.78 41.28
 11 44.5 652.6 -21.1 3243 0668 -11.66 40.94
 22 37.1 627.3 +25.3 4031 1455 +13.98 41.28
 33 4.4 658.6 -31.0 4955 2381 -17.30 41.30
 44 3.0

210
 33 9.2 647.6 +14.4 1584 9008 +7.96 41.16
 43 56.8 633.2
 54 30.0 649.9 -16.7 2227 9651 -9.23 40.67
 5 19.9

1891. aprilis 27. dellet.

1891. április 28. délelőtt.

objektív = 220

óra járt 1^h óta / megállás volt. /

10^h 30^m hőmérséklet = + 9.30

170	10	36	1.6	275	11 ^h	19	56.3		
180			8.2	265		20	12.9	16.6	5.0
190			15.1	255			29.4	16.5	
200			22.1	121.8		27	0		
210			29.1	255		34	6.9	21.6	
220			36.0	265			28.5		
230			43.0	275			50.4	21.9	6.6
240			50.0	375.2		41	20		
250			57.0	268		48	48.0		
260		37	4.0	266			53.9		
270			11.0	264			59.4		
280			18.0	184.75		55	40		
290			25.1	264	12	3	42		
300		50	57.5	266			11.9		
290		51	6.8	268			19.4		
280			16.0	327.95		10	0		
270			25.1	268		17	26.4		
260			34.2	266			26.9		
250			44.0	264			47.2		
240			53.2	220.1			20		
230		52	3.1	264		31	38.3		
220			12.9	266			52.0		
210			22.4	268		32	6.0		
200			32.4						
190			42.5						
180			53.0						

HUNGAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

12^h 27^m hőmérséklet + 9.50

Atm. 266.4 cm

170		53	3.2						
9.95		58	20						
255	11	5	36.0						
265			48.1						
275		6	0.9						
459.2		12	40						

$l_1 = 10h 51m 28.4$
 $l_1' = 11h 5m 49.9$
 $l_2 = 12h 17m 34.8$
 $l_2' = 12h 31m 54.8$
 $a = 1h. 26m 6.42 = 5766.4$
 $b = 1h. 26m 4.59 = 5164.9$
 $b - a = -15.$

$$\frac{a + b \delta}{b(1 + \delta)} = 860.960 \quad \lambda = 11 \quad \text{ant. } 0.017.$$

$$T_0' = 860.977.$$

42
 27
 42
 635
 5766.4
 5164.9
 5767.5

1891. aprillis 28 dillist

temperatuur: +9° 30

280	6h. 16m.	48.2
270		52.3
260		56.5
250	17m.	0.6
240		8.0
230		9.2
220		13.4
210		17.8
200		21.9
190		26.2
180		20.5
170		- 34.7

190	27m.	55.2
200	28m.	0.6
210		5.6
220		11.2
230		16.2
240	28	21.5

210	38m.	40.0
205		92.2
200		96.9
190		53.0

190	49m	14.2
200		27.2
205		26.2
210		30.3
	puhul	432.9

210	7h. 0m.	0.6
205		5.8
200		10.8
	puhul	18.4

200	10m.	43.2
205		49.4
210		55.5
	puhul	353.7

210	21m.	20.2
205		27.8
203		30.9
200		35.4
	puhul	82.8
200	32m.	2.8
203		8.3
205		12.1
210		71.8

	puhul	302.0
205	47m.	49.6
204		51.8
203		59.2
200	43m.	1.4
	puhul	124.8

200	53m.	20.9
203		29.6
204		32.9
205		25.3
	puhul	268.3

205	8h. 4m.	10.8
204		14.3
203		17.9
	puhul	152.1

203	14m.	50.2
204		54.4
205		59.0

temperatuur: +9° 48

204m

$$l_0 = 6h \ 38m \ 40,9$$

$$l_0' = 6h \ 49m \ 25,4 \quad a = 1h \ 25m \ 30,4 = 5730,4$$

$$b = 1h \ 25m \ 30,1 = 5720,1$$

$$l_8 = 8h \ 4m \ 14,3$$

$$b-a = -0,3$$

$$l_8' = 8h \ 14m \ 54,4$$

$$\frac{a+b\delta}{8(1+\delta)} = 641,283 \quad \lambda = 1,54 \quad \Delta = 0,167$$

$$T = 641,122$$

Elongation

- 414.5
- 335.3
- 270.9
- 219.2
- 177.2
- 143.5
- 116.2

Elevation

- 203.8
- 203.8
- 203.9
- 204.0
- 204.0
- 204.1

d

- 0.809
- 808
- 809
- 808
- 810
- 810

Atm. 204m

$$l_0 = 7h \ 0m \ 6,8$$

$$l_0' = 7h \ 10m \ 48,2$$

$$a = 1h \ 4m \ 7,5 = 3847,5$$

$$b = 1h \ 4m \ 6,2 = 3846,2$$

$$l_6 = 8h \ 4m \ 14,3$$

$$b-a = -1,3$$

$$l_6' = 8h \ 14m \ 54,4$$

$$\frac{a+b\delta}{8(1+\delta)} = 641,152 \quad \lambda = 1 \quad \Delta = 0,068$$

$$T_0 = 641,084$$

T

190	641.9	200	641.9	210	641.8
"	41.4	"	41.3	"	41.5
205	41.5	"	41.5	"	41.4
"	41.4	"	41.4	"	41.3
"	41.3	"	41.3	"	41.4
"	41.0	"	41.1	"	41.0
"	41.3	"	41.3	203	41.2
"	41.4	"	41.1	"	41.2
"	41.5	204	41.2	"	41.2
"	41.2	"	41.1	"	41.1

255		2435			
37 0.5	878.6				
51 39.1	+41.7	6201	3766	+23.80	860.70
5 36.0	836.9				
20 29.4	-56.5	7520	5085	-32.25	61.15
34 6.9	847.5	+75.9	8802	6368	+43.33

264					
20 14.6	851.7				
34 26.3	-21.4	3304	0868	-12.21	60.89
48 59.4	873.1				
3 4.2	844.8	+28.3	4518	2083	+16.15
17 47.2	883.0	-38.2	5821	3386	-21.81
31 38.3	831.1	+51.9	7152	4715	+29.61

265		2435			
37 7.5	862.1				
51 29.6	+3.6	5563	3128	+2.06	860.56
5 48.1	858.5				
20 12.9	-6.3	7993	5558	-3.59	61.21
34 28.5	864.8	+9.2	9638	7204	+5.25

266					
20 11.2	859.5				
34 30.7	-3.7	5682	3246	-2.11	61.09
48 53.9	863.2	+5.2	7160	4725	+2.97
3 11.9	858.0	-7.0	8451	6016	-4.00
17 36.9	865.0	+9.9	9956	7519	+5.65
31 52.0	855.1				

275		2435			
37 14.5	846.1				
51 20.6	-34.2	5340	2905	-19.52	860.78
6 0.9	880.3				
19 56.3	835.4	+44.9	6522	4087	+25.62
34 50.4	894.1	+58.7	7686	5252	-33.51

268					
20 7.9	867.2				
34 35.1	+14.3	1553	9117	+8.16	61.06
48 48.0	852.9	-18.5	2672	0237	-10.56
3 19.4	871.4	+24.4	3874	1439	+13.93
17 26.4	847.0	-32.6	5132	2695	-18.60
32 6.0	879.6				

9.95 + 0.77	10.72	447.35	65065						
459.2 - 1.13	458.07	336.19	52659	87594	07515	24341	40724	255.41	266.13
121.8 + 0.08	121.88			87655	7526	24368	28291	191.83	266.24
375.2 - 0.31	374.89	253.01	40314	87593	7515	24341	15973	144.45	266.33
184.75 + 0.00	184.75	190.14	27907	87557	7526	24368	03534	108.49	266.40
327.95 - 0.10	327.85	143.10	15564	87678	7530	24378	91186	81.63	266.38
220.1 + 0.00	220.10	107.75	03242						

MAGYAR
 NYELVTUDOMÁNYI AKADÉMIA
 KÖNYVTÁRA

1891. április 28-án, délelőtt

1891. április 29. éjjel.

objektum = 220,

durum-jár 36 hős.

9h 25^m Levegőtemperatura = + 9.65

300	9h	22	19.7	280	10 ^h	19	46.1	
290			25.3	270		20	4.6	18.5 5.6
280			31.3	260			23.1	18.5 <u>5.9</u>
270			37.1	<u>143.1</u>		26	50	
260			43.0	271		34	15.4	
250			49.0	273			20.1	<u>20.1</u>
240			55.0	275			25.2	
230		23	1.0	<u>370.9</u>		41	10	
220			7.0	275			35.0	
210			13.0	273		48	41.1	<u>41.1</u>
200			19.1	271			47.9	
190			25.2	<u>199.7</u>		55	30	
180			31.4	271	11 ^h	2	84.0	
170			37.7	273		3	2.3	<u>2.3</u>
170		35	37.0	275			11.0	
180			44.6	<u>328.1</u>		9	50	
190			52.1	275			12.5	
200		36	0.0	273		17	22.5 27.0	<u>20.5</u> <u>24.0</u>
210			7.7	271			35.2	
220			15.2	<u>231.65</u>		24	10	
230			23.0	271			29.5	
240			31.0	273		31	44.6	<u>44.6</u>
250			38.4	275		32	0.1	
260			46.0					
270			54.0	56.4				
280		37	2.0					
290			9.9					
300			17.6					
280		51	10.0					
270			20.1	<u>17.1</u>				
260			30.9					
250			41.1					
43.0		58	5					
260	10	5	20.1	13.9				
270			34.0	<u>38.2</u>				
280			48.0	14.0 = 4.2				
446.15		12	30					

11^h 30^m Levegőtemperatura + 9.78

Atm 273.0 mm

t₀ = 9h. 51m 17.18

t₀' = 10h. 5m 38.2 a = 1h. 26m 7.0 = 57.66

t₆ = 11h 17 23.5 b = 1h. 26m 6.4 = 51.66, 4

t₆' = 11h. 31 44.6 b-a = 2.2

~~...~~ $\lambda = 1$ $\alpha = 0.014$

$$\frac{a + b\lambda}{b(1 + \lambda)} = 861,066$$

$$T_0' = 861,138$$

$$T_0 = 861,080$$

1891. aprilis 29. d. d. d. d.

Temperatura + 9.55

210 11h. 10m. 55.3
 205 11m. 1.3
 200 7.2
 195 13.3
total 48.9

195 21m. 37.1
 200 49.6
 205 52.2
 210 59.6
total 327.8

205 32m. 21.6
 202 27.2
 200 20.8
 195 40.2
total 101.9

195 42m. 57.1
 200 43m. 5.2
 202 9.8
 205 16.6
total 282.3

205 53m. 40.8
 202 49.2
 201 51.8
 200 44.7
total 136.3

200 17h. 4m. 75.8
 201 79.2
 202 77.1
 203 76.2
 205 43.2
total 259.5

203 15m. 6.8
 202 10.9
 201 15.7
 200 19.6
total 158.9

201 25m. 44.6 -- (2.)
 202 49.6
 203 55.0
 26m. 0.2
total 236.3

Atmometer 201.6m

$l_0 = 11h. 11m. 5.30$
 $l'_0 = 11h. 21m. 47.00$ $a = 1h. 4m. 7.3 = 3847.3$
 $l_6 = 12h. 15m. 12.6$ $b = 1h. 4m. 5.8 = 3845.8$
 $l'_6 = 12h. 25m. 52.8$ $b-a = -1.5$

$\frac{a+b}{6(1+2)} = 641.104$ $\lambda = 0.80$ $Corr = 0.048$

$T_0 = 641.056$

Temperatura + 9.68

Elongatio	D	Expansio
275.9	6.808	201.5
272.9	8.09	201.6
180.4	8.09	201.6
146.0	8.10	201.6
118.2	8.09	201.6
95.6	8.10	201.7
77.4		

HAGYAR
 IUDONIAE ET AKADEMIAE
 KONVICTARA

II

195	641.4	200	641.3	205	641.3
"	41.1	"	40.9	"	40.8
202	41.1	"	41.2	"	41.2
"	41.0	"	41.5	"	41.3
"	41.1	"	41.3	201	41.5
"	41.2	203	40.8	"	40.9

260
 22 43.0 843.0
 36 46.0 884.9 -41.9 6222 3787 -23.92 860.98
 51 30.9 829.2 +55.7 7459 5024 +31.80 61.00
 5 20.1 903.0 -73.8 8681 6246 -42.13 60.87
 20 23.1

2435

270
 22 37.1 856.9
 36 54.0 886.1 -9.2 9634 7203 -5.25 860.85
 51 20.1 853.9 +12.2 0864 8429 +6.96 60.86
 5 34.0 870.6 -16.7 2227 9792 -9.53 61.07
 20 4.6

2435

280
 22 31.3 870.7
 37 21.0 848.0 +22.7 3560 1125 +12.96 860.96
 51 10.0 878.0 -30.0 4771 2336 -17.12 60.88
 5 48.0 838.1 +39.9 6010 3575 +22.78 60.88
 19 46.1

2435

271
 5 35.4 867.4
 20 2.8 852.6 +14.8 1703 9268 +8.45 61.05
 34 15.4 872.5 -19.9 2989 0553 -11.36 61.14
 48 47.9 846.1 +26.4 4216 1782 +15.08 61.18
 2 54.0 881.2 -35.1 5453 3020 -20.04 61.16
 17 35.2 834.3 +46.9 6712 4279 +26.78 61.08
 31 29.5

273
 5 38.2 860.8
 19 59.0 861.1 -0.3
 34 20.1 861.0 +0.1 7565 +0.06 61.06
 48 41.1 861.2 -0.2 +0.11 61.09
 3. 2.3 861.7 -0.5 -0.28 61.42
 17 24.0 860.6 +1.1 0414 9981 +0.63 61.23
 31 44.6

275
 5 41.0 854.3
 19 55.3 869.9 -15.6 1931 9496 +8.90 61.00
 34 25.2 849.8 +20.1 3032 0596 +4.47 61.27
 48 35.0 876.0 -26.2 4183 1749 -14.96 61.04
 3 11.0 841.5 +34.5 5378 2945 +19.70 61.20
 17 12.5 887.6 -46.1 6637 4204 -26.32 61.28
 32. 0.1

43.0 + 0.46 43.46
 446.15 - 0.96 445.19 401.73 60393 87615 0.7519 24351 36042 229.31 272.77
 143.1 + 0.04 143.14 302.05 48008 87684 7531 24380 23628 172.30 272.89
 370.9 - 0.29 370.61 227.47 35692 87585 7514 24339 11353 129.88 273.02
 199.7 + 0.00 199.70 170.91 23277 87546 7507 24322 98955 97.62 272.99
 328.1 - 0.10 328.00 128.30 10823 87562 7510 24329 86494 75.27 272.97
 231.65 + 0.00 231.65 96.35 98385

LAPSAK
 TUBUKAN AKADSIKA
 KUNYITARA

1891. Aprilis 29. ejjed-

1891. április 30 - délután

objektív = 220

chron. jár 9^h óla

2^h 57^m temperatura +9°70

160			195	4 ^h	19	58.2		
170			205		10	7.0		
180			215			15.5		
190			<u>419.0</u>		15	20		
200								
210			215		20	39.2		
220	3 ^h	5	205			49.9		
230			195		21	0.5		
240		6 ^m	<u>33.05</u>		26	0		
250			195		31	16.1		
260			205			29.1		
270			215			42.3		
280			<u>345.15</u>		36	40		
290			215		41	56.6		
300			205		42	13.0	16.4	9.9

3^h 40^m temperatura = +9°78

160		48	19.0		<u>93.0</u>	17	25		
170			24.4		195	52	50.9		
180			30.1		205		51.0	20.1	
190			45.8		215	53	11.1	20.1	6.0
200			41.2	5.4	<u>297.1</u>	58	5		
210			47.0	5.8	208	5	28.8		
220			52.4	5.4	206		33.5		
230			58.2		204		38.5		
240			4.2		<u>132.0</u>	8	45		
250			10.0		204	14	9.0		
260			15.9		206		15.2		
270			21.9		208		21.3		
280			27.3		<u>265.8</u>	19	25		
290			33.9		208	24	48.4		
300			39.4		206		56.4		

MAGYAR TUDOMÁNYOS AKADÉMIA KÖNYVTÁRA

210		59	23.0		204	25	3.9		
200			30.1	7.1	<u>157.65</u>	50	5		
190	itm 206,1m		37.1	7.0	204	35	28.2		
180	$t_0 = 4h 20m$	48.9	44.1	7.0	206		37.7		
170	$t_1 = 4h 31m$	30.4	51.2	7.1	208		47.0		
	$t_2 = 5h 24$	56.4							
	$t_3 = 5h 25$	37.7							

$a = 1h 4m 7.57 = 3847.5$
 $b = 1h 4m 7.25 = 3847.2$
 $b - a = -0.2$

$\frac{a + b \cdot d}{6(1 + d)} = 641.235$
 $d = 1 \quad \text{am } 0.068$

$T_0 = 641.167.$

5^h 35^m temperatura = +10°00

1891. aprillis 30. dienuot
 temperatūra + 9.70

215 11h. 6m. 6.3
 220 11.8
 225 17.4
 230 23.2
 235 28.8
 240 34.4
 245 40.3
 250 46.1
 255 51.8
 260 57.4
 265 7m. 6.2
 270 9.1
 275 15.0
 280 20.9
 285 26.7
 290 32.8
 295 38.7
 300 44.9
 305 51.0

pusl 461.5

265 20m. 51.8
 260 59.6
 255 21m. 7.2
 250 14.8
 245 22.3
 240 30.2
 235 38.0
 230 45.9
 225 53.8

pusl 96.9

250 35m. 74.8
 253 71.1
 255 75.1
 260 75.1
 45.2
 pusl 370.7

260 49m. 33.7
 255 46.9
 253 52.1

250 50m. 0.6
 pusl 164.9

252.2m
 $\frac{1}{6} = 11h \ 6m \ 49.9$
 $11h \ 21m \ 9.8$
 $\frac{1}{6} = 12h \ 32m \ 55.1$
 $12h \ 47m \ 15.8$

$a = 1h \ 26m \ 5.2 = 5765.2$
 $b = 1h \ 26m \ 6.0 = 5766.0$
 $b - a = 0.8$
 $\frac{a+b}{2} = 860.923 \quad \lambda = 0.5$
 $\frac{1}{6} = 860.934 \quad \text{ans. } 0.011$

250 12h. 4m. 1.4
 252 8.2
 253 12.0
 254 15.7
 255 19.1

pusl 319.9

255 18m. 25.2
 254 29.8
 253 34.7
 252 39.3
 250 48.8

pusl 203.1

252 32m. 44.0
 253 53.2
 254 59.5

pusl 291.0

254 47m. 9.8
 253 18.4
 252 27.0

temperatūra: + 9.85

Elonyatis	λ	Cyrensis
364.6	0.751	253.3
273.8	752	253.2
205.8	753	253.3
155.0	754	253.3
116.8	753	253.3
87.9		

T

250	860.7	255	860.8	260	860.8
"	61.1	"	61.0	"	61.1
"	60.8	"	60.5	253	60.5
"	60.8	"	61.0	"	61.1
252	61.1	254	60.8	"	60.9
"	61.6	"	60.4	"	61.4

195		2576					
48	38.5	655.1					
59	33.6	624.6	+30.5	4843	2267	+16.86	641.46
9	58.2	662.3	-37.7	5763	3187	-20.83	41.47
21	0.5	615.6	+46.7	6693	4117	+25.80	41.40
31	16.1	673.2	-57.6	7604	5029	-31.83	41.37
42	29.3	601.6	+71.6	8549	5975	+39.58	41.18

204		2576					
42	14.6	634.4					
52	49.0	649.5	-15.1	1790	9214	-8.34	41.16
3	38.5	630.5	+19.0	2782	0213	+10.51	41.01
14	9.0	654.9	-24.4	3874	1297	-13.48	41.42
25	3.9	624.3	+30.6	4857	2281	+16.90	41.20

205		2576					
48	44.1	642.5					
59	26.6	640.4	+2.1	3222	0646	+1.16	641.56
10	7.0	642.9	-2.5	3979	1403	-1.38	41.52
20	49.9	639.2	+3.7	5682	3106	+2.04	41.24
31	29.1	643.9	-4.7	6721	4146	-2.60	41.30
42	13.0	638.0	+5.9	7709	5135	+3.26	41.26

206		2576					
42	11.4	641.6					
52	53.0	640.5	+1.1	0414	7838	+0.61	41.11
3	33.5	641.7	-1.2	0792	8217	-0.66	41.04
14	15.2	641.2	+0.5	6990	4413	+0.28	41.48
24	56.4	641.3	-0.1			-0.06	41.24

215		2576					
48	49.7	629.8					
59	19.5	656.0	-26.2	4183	1607	-14.48	641.52
10	15.5	623.7	+32.3	5092	2516	+17.84	41.54
20	39.2	663.1	-39.4	5955	3379	-21.77	41.33
31	42.3	614.3	+48.8	6884	4309	+26.97	41.27
41	56.6	674.5	-60.2	7796	5222	-33.28	41.22

208		2576					
42	8.1	648.9					
52	57.0	631.8	+17.1	2330	9754	+9.45	41.25
3	28.8	652.5	-20.7	3160	0585	-11.45	41.05
14	21.3	627.1	+25.4	4048	1471	+14.03	41.13
24	48.4	658.6	-31.5	4983	2407	-17.41	41.19

419.0 - 0.65	418.35	384.76	58 519						
33.05 + 0.54	33.59	311.40	49 332	90 813	0.8093	25751	32762	212.66	205.69
345.15 - 0.16	344.99	251.82	40 109	90 777	8087	25737	23595	172.17	205.76
95.0 + 0.17	93.17	203.89	30 940	90 831	8097	25761	14348	139.15	205.84
297.1 - 0.04	297.06	165.00	21 748	90 808	8092	25749	05191	112.70	205.87
132.0 + 0.06	132.06	133.73	12 623	90 875	8105	25780	95968	91.13	205.93
265.8 - 0.01	265.79	108.12	03 391	90 768	8085	25732	86891	73.95	206.01

1891. April 30. conclusion.

1891. majus 1. deheloid

objektivi = 220,

Chron. juur 27^h ota.

10^h 25^m temperatura = +9.89

170	10	32	25.6	210	11 ^h	4	33.1	
180			29.1	200			40.3	
190			33.4	190			47.6	
200			37.0	190		15	15.7	
210			41.0	200			24.3	
220			45	210			33.5	
230			48.8	<u>404.1</u>		20	35	
240			—	210		25	51.5	
250			56.1	200		26	24	
260		33	0.4	190			13.8	
270			7.3	<u>31.7</u>		31	15	
280			8.1	190		36	34.2	
290			12.3	200			48.0	
300			16.3	210		37	1.8	
310			20.3	<u>332.95</u>		41	55	
310		42	25.4	210		47	7.6	16.6
300			30.1	200			24.2	16.9
290			35.0	190			41.1	3, 4, 6, 8
280			39.4	<u>89.4</u>		52	40	
270			44.2	190		57	50.3	20.9
260			49.0	200		58	11.2	4, 2, 8, 4
250			53.7	210			32.3	21.1
240			58.2	<u>286.5</u>	12	3	20	
230		43	8.1	200		8	45.8	
220			8.0	198			50.9	
210			12.6	196			56.0	
200			17.3	<u>127.1</u>		14	0	
190			22.0	196		19	22.4	
180			27.0	198			28.9	
170			31.5	200			35.3	
180		53	49.2	<u>256.2</u>		24	40	
190			55.1	→ hõltsõõ ja määle biuroytalan ± 0.05 K				
200	198,4 m	54	1.2	200		30	6.1	
210			7.0	198			14.0	
220			13.0	196			22.0	

$l_0 = 11h 15m 22.9$
 $l'_1 = 11h 26m 4.2$
 $l_0 = 12h 19m 30.2$
 $l'_6 = 12h 20m 12.4$
 $a = 1h 4m 7.3$
 $b = 1h. 4m 8.2$
 $\frac{a+b}{6(1+d)} = 641,284$
 $\lambda = 1,1 \text{ ant.} = 0,082$
 $T_0 = 641,202$

12^h 28^m temperatura = + 10.10

1891. május 1. délután

temperatura: + 10.10

290 6h. 12m. 28.6
 295 36.1
 300 43.6
455.7 pont

290 26m. 50.2
 295 27m. 0.3
 290 10.2
176.6 pont

290 41m. 2.8
 295 16.0
 296 18.7
 297 21.3
 290 29.3
386.35 pont

300 55m. 27.0
 297 27.6
 296 40.9
 295 44.7
 290 56m. 2.6
228.75

295 7h. 9m. 35.3
 296 10m. 0.2
 297 4.7
397.15 pont

297 24m. 18.1
 296 24.3
 295 30.8
258.1 pont

295 38m. 32.4
 296 40.7
 297 49.2
325.05 pont

297 42 57.3
 296 43 8.0
 295 19.0

Elongatio

279.1
 209.75
 197.6
 118.4
 89.05
 66.95

$\frac{d}{\lambda}$
 0.7514
 7515
 7513
 7521
 7518

Egyenlet

296.3
 296.3
 296.3
 296.3
 296.3

átlagm. 296,3m

$l_0 = 6h. 12m. 38,1$

$l_0' = 6h. 26m. 57,7$

$l_6 = 7h. 38m. 43,3$

$l_6' = 7h. 43m. 41,7$

$a = 1h. 26m. 5,2$

$b = 1h. 26m. 7,0$

$a = 5765,2$

$b = 5167,0$

$b - a = 1,8$

$\frac{a + b \lambda}{b(1 + \lambda)} = 860,996 \quad \lambda = 0,7. \text{arr. } 0,007.$

$T_0' = 861,003$

MAGYAR
 TUDOMÁNYOS AKADÉMIA
 KÖNYVTÁRA

T

290	860.6	295	860.6	300	860.5
"	61.4	"	61.3	"	61.3
296	61.0	"	60.9	297	60.9
"	61.4	"	61.3	"	61.2
"	60.8	"	60.9	"	61.0
"	61.1	"	60.9	"	61.2

temperatura + 10.22

190	2575						200	2575						200	2575					
32 33.4	648.6	+15.5	1903	9328	+8.57	641.67	32 37.0	640.3	-3.6	5563	2988	-1.99	641.91	32 41.0	631.6	-22.8	3579	1004	-12.60	641.70
43 22.0	633.1						43 17.3	643.9						43 12.6	654.4					
53 55.1	652.5	-19.7	2878	0303	-10.73	41.77	54 1.2	639.1	+4.8	6812	4237	+2.65	41.75	54 7.0	626.1	+28.3	4528	1973	+15.64	41.74
4 47.6	628.1	+24.4	3874	1299	+13.49	41.59	4 40.3	644.0	+4.9	6902	4327	-2.71	41.29	4 33.1	660.4	-34.3	5353	2978	-18.96	41.44
15 15.7	658.1	-30.0	4771	2196	-16.58	41.52	15 24.3	638.1	+5.9	7709	5134	+3.26	41.36	15 33.5	618.0	+42.4	6274	3699	+23.43	41.43
26 13.8	620.4	+37.7	5763	3188	+20.83	41.23	26 2.4	645.6	-7.5	8751	6176	-4.15	41.45	25 51.5	670.3	-52.3	7185	4610	-28.91	41.39
36 34.2	666.9	-46.5	6675	4100	-25.70	41.20	36 48.0	636.2	+9.4	9731	7155	+5.19	41.39	37 1.8	605.8	+64.5	8096	5520	+35.65	41.45
27 41.1	609.2	+57.7	7612	5037	+31.90	41.10	27 24.2	647.0	-10.8	0334	9759	-5.97	41.03	47 7.6	684.7	-78.9	8971	6396	-43.61	41.09
57 50.3																				
<u>196</u>						<u>198</u>						<u>200</u>								
43 31.0	631.8						47 27.6	639.4						47 24.2	647.0					
58 2.8	653.2	-21.4	3304	0729	-11.83	41.37	58 7.0	643.9	-4.5	6532	3957	-2.49	41.41	58 11.2	634.6	+12.4	0934	8359	+6.85	41.45
8 56.0	626.4	+26.8	4281	1706	+14.81	41.21	8 50.9	638.0	+5.9	7709	5134	+3.26	41.26	8 45.8	649.5	-14.9	1732	9157	-8.24	41.26
14 22.4	659.6	-33.2	5211	2636	-18.35	41.25	14 28.9	645.1	-7.1	8513	5938	-3.92	41.18	19 35.3	630.8	+18.7	2718	0143	+10.34	41.14
20 22.0																				

404.1 - 0.52	403.58																		
31.7 + 0.55	32.25	371.33	56 976																
332.95 - 0.12	332.83	300.58	47 796	90820	0.8095	25756	31220	205.21	198.37										
89.4 + 0.19	89.59	243.24	38 603	90807	8092	25749	22047	166.14	198.39										
286.5 - 0.03	286.47	196.88	29 421	90818	8094	25754	12849	134.43	198.40										
127.0 + 0.07	127.17	159.30	26 222	90801	8091	25747	03674	108.83	198.42										
256.2 - 0.01	256.19	129.02	11 066	90844	8099	25766	94456	88.02	198.45										

1891 majuro l. de'lelotti

1891. május 2. éjjel.

objektív = 220

chron. jár 14^h óta

9^h 25^m hőmérséklet +10.30.

240	9	22	59.0	5.0	175	10 ^h	16	37.0		
230		23	4.0		185			52.0		
220			9.2	5.2	195		7	7.1		
210			14.2	5.0	<u>308.65</u>		22	5		
200			19.5	5.3	195		27	19.9		
190			24.7	5.2	185			38.3	18.4	3,7 7,4
180			30.0	5.3	175			57.1	18.8	
170			35.2	5.2	<u>87.6</u>		32	45		
170		33	58.3		175		37	50.4		
180		34	4.5	6.2	185		38	19.2	22.8	
190			11.1	6.6	198			36.3	23.1	4,6 9,2
200			17.5	6.4	<u>266.35</u>		45	25		
210			24.1		189		48	51.1		
220			30.9		187			56.9		
230			37.1		185		49	2.1		
240			44.0		<u>121.85</u>		54	10		
250			50.8		185		59	33.9		
260			57.5		187			41.0		
270		35	4.2		189			48.0		
280			11.2		<u>238.95</u> ||		4	45		
290			18.5		189		10	100		
300			26.0		187			18.8		
<u>472.2</u>		39	20		185			27.1		
175 205		44	35.1		<u>144.1</u>		15	25		
185 195			43.1		185		20	53.4		
195 185			51.1		187		21	4.1		
205 175			59.1		189			14.8		
<u>-46.6</u>		50	0							
175		55	20.4							
185			30.1							
195			40.0							

KÖNYV-
TUDOMÁNYOS AKADÉMIA
EGYVITARA

11^h 18^m hőmérséklet = +10.47

akt. 186.5 m

t₀ = 10 h. 6 m 12.9

t₁ = 10 h. 16 m 54.2 a = 1 h. 4 m 8.00 = 3848.0

b = 1 h. 4 m 7.2 a = 2847.2

t₂ = 11 h. 10 m 20.9

b - a = -0.8

t₃ = 11 h. 21 m 1.4

$$\frac{a + b \delta}{b(1 + \delta)} = 641,273 \quad \lambda = 0,85 \quad \text{Cm} = 0,047$$

$$T_0 = 641,226$$

1891. majus 2. dilata

temperatura: + 10.15

275 11h. 12m. 75.7
 230 77.4
 235 79.2
 240 75.6
 245 72.4
 250 59.2
 255 13m. 5.8
 260 12.4
 265 19.3
 270 26.2
 275 33.1
 280 40.1
 285 47.1
 290 54.2

total 428.5

255 27m. 11.4
 250 20.3
 245 29.3
 240 38.4

total 116.6

245 41m. 78.3
 248 75.3
 250 90.1
 252 94.8
 255 52.0

total 351.0

255 55m. 47.9
 252 57.0
 250 56m. 38
 248 9.8
 245 19.4

total 175.0

245 59.8
 248 12h. 10m. 12.2
 250 20.6
 251 25.1
 252 29.2

total 307.3

252 24m. 76.0
 251 41.8
 250 47.6
 248 58.7

total 208.0

250 39m. 0.0
 251 7.3
 252 19.8

total 282.8

252 53m. 13.2
 251 53m. 23.8
 250 33.8

temperatura: + 10.32

Atm. 250,6 cm
 $t_0 = 11h 13m 0s$
 $t'_0 = 11h 27m 19,2$
 $t_6 = 12h 39m 4,4$
 $t'_6 = 12h 57m 27,8$
 $a = 1h 26m 4,4 = 5164,4$
 $b = 1h 26m 8,6 = 5168,6$
 $b - a = 4,2$
 $\frac{a+b}{b(1+\delta)} = 861,034 \quad \lambda = 0,7$
 $\text{Corr} = 0,007$
 $T'_p = 861,041$

Elongation	ν	Elevation
311.9	0.752	250.5
234.4	751	250.5
176.0	752	250.5
132.3	751	250.6
99.3	753	250.6
74.8		

Atm. 250,6 cm.
 11h 13m 0s 19,2 } 20,75
 27m 19,2 22,2 } 21,75
 41m 41,5 20,4 } 20,9
 56m 19 21,4 } 21,1
 12h 10m 23,3 20,8 } 20,55
 24m 44,1 20,7 } 21,85
 39m 4,4 27,4 }
 57m 27,8

245	860.6	250	860.5	255	860.6
"	61.4	"	61.5	"	61.4
248	60.7	"	60.7	252	60.8
"	61.3	"	61.2	"	61.3
251	60.5	"	60.7	"	60.5
"	61.6	"	61.6	"	61.5

175

23	32.6			2575			
34	1.4	628.8	-28.9	4609	2034	-15298	641.72
44	59.1	657.7	+36.4	5611	3036	+20.12	41.42
55	20.4	621.3	-45.3	6561	3985	-25203	41.57
6	27.0	666.6	+56.6	7528	4954	+31.29	41.29
16	37.0	610.0	-70.1	8457	5882	-3875	41.35
27	57.1	680.1	+86.8	9385	6811	+47.98	41.28
37	50.4	593.3					

185

27	38.3	634.9	-14.0	1461	8887	-7.74	41.16
38	13.2	648.9	+17.1	2330	9755	+9.45	41.25
49	2.1	631.8	-21.4	3304	0728	-11.82	41.38
59	33.9	653.2	+26.9	4298	1722	+14.87	41.17
10	27.1	653.2					
20	53.4	626.3					

4722	-132	470.88	515.91	71256	90844	0.8099	25764	45492	285.05	185.83
-46.6	+1.57	-45.03	417.83	62100	90705	8073	25703	36397	231.19	186.16
373.1	-0.30	372.80	337.32	52805	90829	8056	25757	27048	186.41	186.39
34.95	+0.53	35.48	273.11	43634	90766	8085	25732	17902	151.01	186.49
308.65	-0.06	308.59	220.80	94400	90776	8087	25737	08663	122.07	186.52
87.6	+0.19	87.79	178.55	25176	90784	8088	25739	99437	98.71	186.50
266.35	-0.01	266.34	117.02	06826	90866	8103	25775	90185	79.77	186.57
121.85	+0.08	121.93	144.14	97685	90859	8102	25773	81053	64.64	186.57
238.95	-0.00	238.95								
144.1	+0.04	144.14								

185

23	27.3			2575			
34	7.8	640.5	-2.8	4472	1897	-1.55	641.75
44	51.1	643.3	+4.3	6335	3760	+2.38	41.38
55	30.1	639.0	-5.6	7482	4906	-3.09	41.51
6	14.7	644.6	+7.3	8633	6059	+4.04	41.34
16	52.0	637.3	-9.0	9542	6967	-4.97	41.33
27	38.3	646.3	+11.4	0569	7995	+6.30	41.20
38	13.2	634.5					

187

27	34.6	643.2	+4.1	6128	3554	+2.27	41.37
38	17.8	639.1	-5.0	6990	4415	-2.76	41.34
48	56.9	644.1	+6.3	7993	5417	+3.48	41.28
59	41.0	637.8	-7.5	8751	6175	-4.14	41.16
10	18.8	637.8					
21	4.1	645.3					

195

23	22.1			2575			
34	14.3	652.2	+23.4	3692	1117	+12.93	641.73
44	43.1	628.8	-28.1	4487	1912	-15.53	41.37
55	40.0	656.9	+34.3	5353	2777	+18.96	41.56
6	2.6	622.6	-41.9	6222	3648	-23.16	41.34
17	7.1	664.5	+51.7	7135	4560	+28.58	41.38
27	19.9	612.8	-63.6	8035	5461	-35.17	41.23
38	36.3	676.4					

189

27	30.9	651.5	+22.8	3879	1005	+12.61	41.31
38	22.4	628.7	-28.2	4502	1927	-15.59	41.31
48	51.1	656.9	+34.9	5428	2852	+19.28	41.28
59	48.0	622.0	-42.8	6314	3738	-23.65	41.15
10	10.0	622.0					
21	11.8	664.8					

MAGYAR
 KÖZLEKEDÉSI TUDOMÁNYOK
 ÉS
 KÖNYVTÁRA

1891. május 2. éjjel.

1891. május 3. éjjel

objektív = 220

drón. jár 38^h óta

9^h 30^m temperatura = +10.70

170	9	27	9.8		285	10 ^h	11	4.4		
180			16.0		275			19.0	14.6	2.9
190			22.0		265			33.9	14.9	3.0
200			28.0		<u>113.05</u>		18	10		
210			34.2		265		25	19.0		
220			40.2		275			38.2	19.2	3.8
230			46.3		285			58.0	19.8	4.0
240			52.8		<u>398.0</u>		32	30		
250			59.0		277		39	57.3		
260		28	5.1		275		40	2.8		
270			11.1	6.0	273			8.0		
280			17.3	6.2	<u>184.0</u>		46	55		
290			23.5	6.2	273		54	13.0		
300			30.0		275			19.8		
					277			26.5		
300		42	15.1		<u>344.7</u>	11	1	15		
290			23.9		277			37.9		
280			32.0	8.1	275		8	47.0		
270			40.2	8.2	273			56.4		
260			48.6	8.4	<u>224.0</u>		15	40		
250			57.0		273		22	48.2		
240		43	5.4		275		23	0.6		
230			14.1		277			12.9		
220			22.9		<u>314.8</u>		29	55		
210			31.4		277			17.0		
200			40.1		275		37	33.2		
190			49.2		273			50.0		
180			58.3							
170		44	7.8							
265		56	45.2							
275			56.3							
285		57	7.3							
<u>493.0</u>	10	3	50							

MATYÁK
EUDOMÁTIOS AKADÉMIA
KÖNYVTÁRA

11^h 35^m temperatura = +10.88

átmérés 27.57 cm

t₀ = 9^h 56^m 57.1

t₀' = 10^h 11^m 18.0 a = 12. 26m 7.8 = 5167.8

t₀'' = 11^h 23^m 4.9 b = 14. 26m 9.5 = 5164.5

t₀''' = 11^h 37^m 27.5 b-a = 12.7

λ = 0.19 cm 0.011

$$\frac{a + b\lambda}{6(1 + \lambda)} = 861.422$$

$$T_0' = 861.433$$

1891. augusztus 3. délelőtt
 temperatura: + 10° 42

2 60 16h. 39m. 49.7
 2 40 36m. 0.4
 2 30 5.5
 2 20 11.2
 2 10 16.6 -
 2 00 22.0
 1 90 27.4
 1 80 32.8
 1 70 38.4

1 90 46m. 48.3
 2 00 54.9
 2 10 47m. 2.6
 2 20 8.3
 2 30 15.1

pusztul 483.8

2 15 57m. 75.0
 2 10 79.2
 2 05 97.2
 2 00 97.3

2 00 11h. 8m. 15.2
 2 05 20.2
 2 10 25.2 -
 2 15 30.4

pusztul 387.9

2 10 19m. 0.8
 2 07 4.6
 2 05 7.2
 2 00 13.4

pusztul 61.5

2 00 29m. 35.4
 2 05 41.4
 2 07 44.4
 2 00 49.2
pusztul 325.4

2 10 40m. 2.9
 2 08 25.8
 2 07 27.7
 2 05 31.3

2 05 51m. 1.5
 2 07 6.3
 2 08 8.8
 2 10 13.4

pusztul 284.8

2 10 12h. 1m. 0.24
 2 08 47.8
 2 07 50.8

pusztul 145.2

2 07 12m. 27.8
 2 08 71.4
 2 10 9 38.8

pusztul 258.1

2 08 23m. 9.8
 2 07 14.2

HABYAR -
 KISBODÁSI AKADÉMIA
 KÖNYVTÁRA

temperature: + 10° 60

Elongatio	δ	Expensio
326.4	0.809	207.5
263.9	808	207.5
213.3	810	207.5
172.7	808	207.6
139.6	809	207.6
112.9		

Almanach 207.6m

$a = 12 \text{ h } 4 \text{ m } 7.2 = 3847.2$

$b_0 = 11 \text{ h } 8 \text{ m } 22.8$

$b_1 = 11 \text{ h } 19 \text{ m } 3.9$

$b_2 = 12 \text{ h } 12 \text{ m } 30.0$

$b_3 = 12 \text{ h } 22 \text{ m } 11.6$

$a = 12 \text{ h } 4 \text{ m } 7.2 = 3847.2$

$b = 12 \text{ h } 4 \text{ m } 7.2 = 3847.2$

$b - a = 0.5$

$\frac{a+b}{b(a+b)} = 641.227$

$\frac{a+b}{b(a+b)} = 641.227$

$\lambda = 1 \text{ } C_{\alpha} = 0.062$

$T_0 = 641.069$

200	641.6	200	641.8	
"	41.4	"	41.2	
"	41.5	"	41.3	205 641.5
"	41.2	"	41.3	" 41.3
207	41.4	"	41.4	" 41.2
"	41.2	"	41.1	" 41.1
"	41.2	"	41.3	208 41.2
"	41.1	"	41.2	" 41.1
"	41.2	"		" 41.3

265
 28 81 876.3
 42 44.4 840.8 +35.5 5502 3068 +20.27 861.07
 56 452 888.7 -47.9 6803 4369 -27.54 61.36
 11 33.9 825.1 +63.6 8035 5601 +36.32 61.42
 25 19.0

2434

273
 11 20.0 852.4
 25 34.4 -21.2 3263 0828 -12.10 61.50
 40 80 873.6 +28.6 4564 2131 +16.33 61.33
 54 13.0 845.0 -38.4 5843 3409 -21.92 61.48
 8 56.4 883.4 +51.6 7126 4693 +29.46 61.26
 22 48.2 801.8 -70.0 8457 6017 -24.96 61.84
 37 50.0

275
 28 14.2 861.9
 42 36.1 860.2 +1.7 2304 9870 +0.97 861.17
 56 56.3 862.7 -2.5 3979 1545 -1.43 61.27
 11 19.0 859.2 +3.5 5441 3007 +2.00 61.20
 25 38.2

2434

275
 11 19.0 859.2
 25 38.2 864.6 -5.4 7324 4889 -3.08 61.52
 40 2.8 857.0 +7.6 8808 6375 +4.34 61.34
 54 19.8 867.2 -10.2 0686 7652 -5.82 61.38
 8 47.0 853.6 +13.6 1335 8902 +7.76 61.36
 23 0.6 872.6 -19.0 2788 0353 -10.85 61.75
 37 33.2

285
 28 20.4 847.6
 42 28.0 879.3 -31.7 5011 2577 -18.10 861.20
 57 7.3 837.1 +42.2 6253 3819 +24.09 61.19
 11 4.4 893.6 -56.5 7520 5086 -32.25 61.35
 25 58.0

2434

277
 11 16.1 866.1
 25 42.2 855.1 +11.0 0414 7979 +6.28 61.38
 39 57.3 869.2 -14.1 1442 9059 -8.05 61.15
 54 26.5 851.4 +17.8 2504 0070 +10.16 61.56
 8 37.9 875.0 -23.6 3729 1296 -13.48 61.52
 23 12.9 844.1 +30.9 4900 2465 +17.64 61.74
 37 17.0

493.0 -1.68 491.32
 113.05 +0.10 113.15 378.17 57769
 398.0 -0.47 397.53 284.38 45390 87621 0.7520 24353 33416 215.85 275.47
 184.0 +0.01 184.01 213.52 32944 87554 7508 24324 21066 162.43 275.58
 344.7 -0.16 344.54 160.53 20556 87612 7518 24348 08596 121.89 275.64
 224.0 +0.00 224.00 120.54 08113 87557 7509 24326 96230 91.69 275.70
 314.8 -0.07 314.73 90.73 95775 87662 7527 24370 83743 68.77 275.77

M. A. S. ALI
 KUNYI

1891. majus 3. éjrd

1891. május 4. délelőtt.

objektív = 220,

chronjár 1^h óta

11^h 6^m temperatura = + 10.80

295	11 ^h	4 ^m	27.4
300			28.3
305			34.3
310			40.3
<u>459.3</u>		10	15
305		16	21.4
300			28.9
295			36.1
250		17	43.0 (14.9)
240			58.0 15.0
230		18	13.0 15.0
220			28.5 15.5
210			44.1 15.6
<u>87.9</u>		24	35

245	12 ^h	29	19.9
247			32.2
249			45.0
<u>285.25</u>		36	25
249		43	42.2
247			50.5 16.8
245			54.0
<u>218.95</u>		44	15.7 16.7
		50	45
245		57	50.0
247		58	12.0
249			34.5

12^h 55^m temperatura + 11.02

235	31	44.9	19.5
245	32	4.4	20.5
255		24.9	4.1 8.2
295	33	50.1	
300	34	1.9	
305		13.5	
<u>366.7</u>	?	oagy	10-15 ^h val elkisve.
255	46	9.0	
249		25.0	
247		70.4	
245		35.3	
235	47	2.8	
<u>157.35</u>	53	20	

Abnentes
247.3 cm

t₀ = 11h 17m 47.00

t_{0'} = 11h. 32 9.00 a = 14.26m 9.5 = 5169.5

t₆ = 12h 43 56.5 b = 14.26m 6.3 = 5166.3

t_{6'} = 12h 58 15.3

b-a = -0.2

$$\frac{a + b \cdot d}{6(1 + d)} = 861.354$$

$$d = 1 \text{ m. } 0.014$$

$$T_1 = 861.368$$

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

245	12 ^h	0	43.8
247			50.8
249			57.5
<u>314.7</u>		7	40
249		15	4.2
247			14.0
245			23.5
<u>196.8</u>		22	0

1891 majin 4 dilutan
 Temperaturai +11.02

250 6h. 9m. 22.7
 240 _____ 27.2
 230 _____ 31.5
 220 _____ 35.8
 210 _____ 40.3
 200 _____ 44.6
 190 _____ 49.2
 180 _____ 53.5
 170 _____ 58.2
 160 10m. 2.2

150 20m. 13.2
 140 _____ 18.6
 200 _____ 24.1
 210 _____ 29.4
 220 _____ 35.0

210 31m 2.4
 205 _____ 7.7
 200 _____ 9.1
 195 _____ 12.4
 190 _____ 15.8

190 41m. 78.2
 195 _____ 42.2
 200 _____ 46.4
 205 _____ 50.6
 210 _____ 54.9
 produkt 424.0

210 52m. 27.9
 205 _____ 28.1
 203 _____ 30.1
 200 _____ 33.2

Wtm. 202,7 cm
 $l_0 = 6h. 20m. 25.7$
 $l_0 = 7h. 31m. 7.2$
 $l_0 =$
 $l_0 =$
 produkt 24.0
~~406.4.20m~~

200 7h. 3m. 8.2
 203 _____ 12.1
 205 _____ 14.4
 210 _____ 21.2

Observasi diurutkan
 produkt 86.2

203 24m. 74.3
 205 _____ 78.2
 produkt 296.7

205 35m. 10.2
 203 _____ 14.8
 202 _____ 17.3
 produkt 126.8

202 45m. 54.4
 203 _____ 57.3
 205 46m. 3.5
 produkt 764.0

Wtm. 202,7 cm
 $l_0 = 6h. 31m. 7.1$
 $l_0' = 6h. 41m. 48.7. a = 1h. 4m. 8.5 = 3848.5$
 $l_0 = 7h. 35m. 15.6$
 $l_0' = 7h. 45m. 56.4$
 $b = 1h. 4m. 7.7. = 3847.7$
 $b - a = -0.8$
 $\frac{a+b}{6(1+d)} = 641,257 \lambda = 1,15$
 $Cor = 0,157$

Elongasi
 210.5 0.807
 169.9 808
 137.2
 Expansion
 202.7
 202.7

$T_0 = 641,204$

T

190	641.8	200	642.0	210	641.9
	41.6		41.6		41.7
			41.5		41.5
			41.5		41.5
		205	41.5	203	41.4
				202	41.3

295		2435		300		2435		305		2435	
4 224	793.7	- 300.5	4776	2341-171.44	862.56	4 28.3	720.6	- 332.4	5216	2781-189.74	663.26
16 36.1	1034.0					16 28.9	1053.0				
33 50.1						34 1.9					
235		245		245		245		255		2435	
18 15.5	879.4	- 98.5	9934	7499-56.22	61.68	17 50.5	853.9	- 17.0	2304	9869-9.70	61.20
31 44.9	969.9					32 4.4	870.9				
47 2.8						46 35.3					
245		247		247		247		249		2435	
32 4.4	870.9	+ 22.4	3502	1068 + 12.78	61.28	32 8.5	861.9				
46 35.8	848.5					46 30.4	860.4	+ 1.5	1761	9327 + 0.86	61.26
0 43.8	879.7	- 31.2	4942	2507 - 17.81	61.89	0 50.8	863.2	- 2.8	4472	2037 - 1.60	61.60
15 23.5	836.4	+ 43.3	6365	3933 + 24.74	61.14	15 14.0	858.2	+ 5.0	6990	4558 + 2.86	61.06
29 19.9	895.8	- 59.4	7738	5305 - 33.92	61.88	29 32.2	866.8	- 8.6	9345	6912 - 4.41	61.89
44 15.7	814.3	+ 81.5	9112	6681 + 46.57	60.87	43 59.0	853.0	+ 13.8	1399	8968 + 7.89	60.89
57 50.0						58 12.0					

459.3 - 1.13	458.17										
87.9 + 0.19	88.09	370.08	56830			87629	07521	24356	32474	211.22	246.95
366.7 - 0.26	366.44	278.35	44459			87570	7511	24331	20128	158.96	247.05
157.35 + 0.02	157.37	209.07	32029			87633	7522	24358	07671	119.32	247.12
314.7 - 0.07	314.63	157.26	19662			87464	7493	24287	95375	89.90	247.27
196.8 + 0.00	196.80	114.83	07126			87534	7505	24317	82809	67.31	247.32
285.25 - 0.02	285.23	88.43	94660			87478	7495	24292	70368	50.55	247.35
218.95 + 0.00	218.95	66.28	82138								

MAGYAR
SZOBANŐS AKADÉMIA
KÖNYVTÁRA

En elso es masodik T elvük $f(i+j) = azuss$ helyen
jobb eredmely elbol primitivand! mire mai nem
erlem ra. ~~.....~~

1891. majus 4. delletok.

1891. május 5. október
 Temperatur +11'30

200 3h. Gm. 40.3
 210 46.3
 220 52.1
 230 57.4

 225 20m. 18.0
 220 21.4
 215 24.4
 210 28.3
 205 31.7
 200 35.0

205 31m. 5.3
 210 9.5
 215 13.3
 220 18.2
total 427.8

215 41m. 46.3
 210 51.6
 205 56.8
total 34.4
 205 52m. 75.8
 210 72.2
 215 38.8

total 352.2

215 3m. 6.8
 210 14.7
 205 22.8
total 95.7

205 13m. 44.6
 209 52.9
 210 54.9
 211 56.3
 215 14m. 4.5
total 303.0

215 24m. 75.6
 211 35.4
 210 37.9
 209 40.2
 205 50.0
total 135.4

209 35m. 13.4
 210 16.8
 211 19.5
total 271.0
 211 45m. 57.3
 210 46m. 0.9
 209 46m. 4.8

Átlag 210,4
 $l_0 = 3h. 31m. 9,8$
 $l_0' = 3h. 41m. 51,2 \quad a = 1h. 4m. 80. = 3848,0$
 $l_0 = 4h. 35m. 17,8 \quad b = 1h. 4m. 80.2 = 3848,2$
 $l_0' = 4h. 45m. 59,4 \quad b-a = 0,2$

$$\frac{a+b\lambda}{b(1+\lambda)} = 641,348$$

$$\lambda = 0,107.$$

$$\bar{L}_0 = 641,241$$

Temperature: +11.48

elongatio	d	Expony
393.4	0.808	210.2
317.8	807	210.3
256.5	808	210.3
204.3	808	210.4
167.6	809	210.4
135.6		

MAGYAR
 TUDOMÁNYOS AKADÉMIA
 KÖNYVTÁRA

T

220	641.6	210	641.6		
215	41.8	11	41.6	205	641.6
"	41.7	"	41.9	"	41.9
"	41.5	"	41.4	"	41.5
"	41.3	"	41.2	"	41.3
"	41.3	"	41.4	"	41.3
211	41.3	"	41.9	209	41.3
11	41.3	11	41.2	11	41.3

1891. majus 6. ejjed

dykkeli = 220. chinn jart 1^a ota (Foraker megall)

9^h 40^m Temperatur = +11.78

170	9	41	27.2	240	10 ^h	39	17.0		
180			32.0	250			31.1	14.1	4.2
190			36.2	260			45.8	14.7	
200			40.3	<u>413.3</u>		46	15		
210			45.4	260		53	24.9		
220			50.0	250			43.9	19.0	
230			54.4	240		54	3.0	19.1	5.7
240			59.0	<u>123.0</u>	11	0	35		
250		42	54	245		8	46		
260			8.0	247			9.4		
270			12.6	249			14.3		
280			17.1	<u>340.65</u>		15	0		
290			21.9	249		22	26.8		
300			26.3	247			33.1		
310		55	51.4	245			40.2		
320			57.5	<u>177.35</u>		29	20		
330		56	3.3	245		36	22.9		
340			9.5	247			51.9		
350			15.4	249		37	1.0		
360			21.9	<u>299.95</u>		43	40		
370			28.0	249		51	6.0		
380			34.0	247			17.9		
390			40.0	245			30.0		
400			46.1						
410			52.2						
420			58.4						
430		57	5.0						
440			11.3						
450									
460	10	10	30.5						
470			38.5						
480			46.8						
490			55.0						
500									
510		24	52.3						
520		25	3.1						
530			14.0						
540			55						
<u>55.95</u>		31							

11^h 47^m Temperatur = +11.90

1891. apr. majus 6. diurnal
 temperature: +11.53

produkt 132.0
 759 11h. 90m. 13.8
 756 18.8
 758 24.0
 760 29.2
 762 34.2
 764 39.4
 766 44.4

produkt 351.0
 266 44m. 12.8
 264 19.8
 262 26.5
 260 33.2
 258 40.0
 256 46.6
 254 53.5
 252 47m. 0.3

produkt 186.8
 256 58m. 58.2
 257 59m. 7.8
 258 7.4
 produkt 310.15

258 12h. 13m. 71.4
 257 77.2
 256 33.6
 produkt 217.7

256 27m. 75.8
 257 47.8
 258 51.2
 produkt 287.2

258 42m. 2.0
 257 12.8
 256 23.3

Elongation
 219.0
 164.2
 173.35
 92.45
 69.5

J
 0.750
 751
 750
 752

Elevation
 257.1
 257.2
 257.3
 257.4

T

256 860.9		258 860.9
" 61.8		" 61.7
" 61.2	257 861.1	" 60.8
" 61.6	" 61.9	" 61.7

temperature: +11.70

240		2434	
41 59.0	869.0		
56 28.0	+18.5 2672	0238	+10.56
10 38.5	850.5		
25 14.0	-25.0 3979	1545	-14.28
39 17.0	843.0	+32.5 5119	2685 +18.56
54 3.0	886.0	-43.0 6335	3901 -24.56

245		247	
39 24.0	869.5		
53 53.5	+18.4 2648	0217	+10.51
8 4.6	851.1		
22 40.2	-24.5 3892	1460	-14.00
36 42.9	842.7	+32.5 5172	2741 +18.80
51 30.0	887.1	-44.4 6474	4041 -25.36

250		2434	
42 3.4	858.5		
56 21.9	-6.4 8062	5628	-3.65
10 46.8	864.9		
25 3.1	+8.6 9345	6911	+4.91
39 31.0	856.3	-11.6 0645	8211 -6.63
53 43.9	852.9	+15.0 1761	9327 +8.57

247		249	
39 26.9	862.7		
53 49.6	+2.9 4624	2193	+1.66
8 9.4	859.8		
22 33.1	-3.9 5911	3479	-2.23
36 51.9	863.7	+4.9 6502	4470 +2.80
51 17.9	866.0	-7.2 8573	6140 -4.11

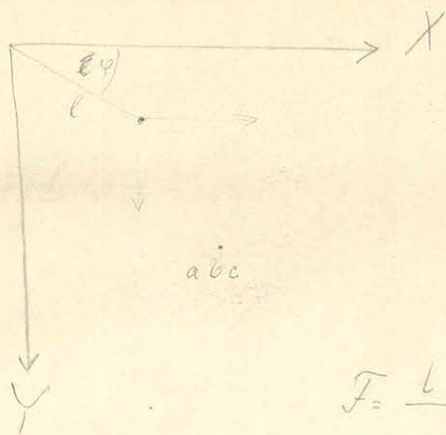
260		2434	
42 8.0	847.4		
56 15.4	-32.2 5079	2645	-18.39
10 55.0	879.6		
24 52.3	+42.3 6263	3829	+24.14
39 45.8	897.3	-56.2 7447	5063 -32.08
53 24.9	893.5	+74.4 8716	6282 +42.48

249		251	
39 29.7	856.1		
53 45.8	-12.4 0934	8503	-7.08
8 14.3	868.5		
22 26.8	+16.0 2041	9609	+9.14
37 1.0	852.5	-21.7 3365	0934 -12.40
51 6.0	874.2	+29.2 4654	2221 +16.67

25.95 + 0.61	26.56								
413.3 - 0.60	412.70	386.14	58 674						
123.0 + 0.07	123.07	289.63	46 185	87511	07501	24 307	34367	220.63	247.19
340.65 - 0.14	340.51	219.44	33 734	87549	7507	24 322	21 863	165.44	247.26
177.35 + 0.01	177.36	163.15	21 259	87525	7503	24 312	09422	124.23	247.30
299.95 - 0.04	299.91	122.55	08 831	87572	7511	24 332	96927	93.17	247.34

MAGYAR TUDOMÁNYOS AKADÉMIA KÖNYVTÁRA

1891. május 6. éjé.



$$X = \int dm \frac{a - l \cos \varphi}{[(a - l \cos \varphi)^2 + (b - l \sin \varphi)^2 + c^2]^{3/2}}$$

$$Y = \int dm \frac{b - l \sin \varphi}{[(a - l \cos \varphi)^2 + (b - l \sin \varphi)^2 + c^2]^{3/2}}$$

$$F = Yx - Xy = l(Y \cos \varphi - X \sin \varphi)$$

$$F = \frac{l(b \cos \varphi - l \sin \varphi \cos \varphi - a \sin \varphi + l \sin \varphi \cos \varphi) \int dm}{[\dots]^{3/2}}$$

$$F = \int dm \frac{l(b \cos \varphi - a \sin \varphi)}{[(a - l \cos \varphi)^2 + (b - l \sin \varphi)^2 + c^2]^{3/2}} = \int dm \frac{\partial}{\partial \varphi} \frac{1}{[(a - l \cos \varphi)^2 + (b - l \sin \varphi)^2 + c^2]^{1/2}}$$

$$F = \int dm \frac{bl \cos \varphi - al \sin \varphi}{[a^2 + b^2 + c^2 + l^2 - 2al \cos \varphi - 2bl \sin \varphi]^{3/2}}$$

$$\frac{\partial F}{\partial \varphi} = \int dm \left\{ \frac{-bl \sin \varphi - al \cos \varphi}{[\dots]^{3/2}} - \frac{3}{2} \frac{2(bl \cos \varphi - al \sin \varphi)(al \sin \varphi - bl \cos \varphi)}{[\dots]^{5/2}} \right\}$$

$$\varphi = 0 \quad \frac{\partial F}{\partial \varphi} = \int dm \left\{ \frac{-al}{[a^2 + b^2 + c^2 - 2al + l^2]^{3/2}} + 3 \frac{bl^2}{[a^2 + b^2 + c^2 - 2al + l^2]^{5/2}} \right\}$$

$$\varphi = \frac{\pi}{2} \quad \frac{\partial F}{\partial \varphi} = \int dm \left\{ \frac{-bl}{[a^2 + b^2 + c^2 - 2bl + l^2]^{3/2}} + 3 \frac{a^2 l^2}{[a^2 + b^2 + c^2 - 2bl + l^2]^{5/2}} \right\}$$

$$\frac{l^2 - 2al}{a^2 + b^2 + c^2} = x \quad \frac{1}{a^2 + b^2 + c^2} = K^2$$

MAGYAR
TUDOMÁNYOS AKADEMIA
KÖNYVTÁRA

$$\left(\frac{\partial F}{\partial \varphi} \right)_0 = \int dm \left\{ -\frac{K^3 al}{(1+x)^{3/2}} + 3 \frac{K^5 b^2 l^2}{(1+x)^{5/2}} \right\}$$

$$\frac{1}{(1+x)^{3/2}} = \left(\frac{-3}{2} \right) x + \left(\frac{-3}{2} \right) x^2 + \left(\frac{-3}{2} \right) x^3 + \left(\frac{-3}{2} \right) x^4 + \dots$$

x^2	x^4	x^6	x^8
$-2al$	$-4al^3$	$-6l^5 a$	$-8l^7 a$
$+4a^2 l^2$	$+6l^4 a^2$	$+24l^6 a^2$	
K^2	K^4	$8a^2 l^3$	$-32l^5 a^3$
$K^5 al$	K^4	K^6	$+16l^4 a^4$
		$K^5 al$	

$$\left(\frac{\partial F}{\partial \varphi} \right)_0 = \int dm \left\{ -2K^5 a^2 l^2 \binom{-3}{1} + l^7 \binom{-3}{2} 4a^2 K^7 - \binom{-3}{3} 8a^4 K^9 \right\}$$

$$\frac{1}{(1+x^2)^2} = I + II x^2 + III x^4 + IV x^6 + \dots$$

$$\begin{array}{l} k^2 l^2 \quad k^4 l^4 \quad k^6 l^6 \\ -2k^2 a l \quad -2k^4 a l^3 \quad -2k^6 a l^5 \\ + \binom{2}{1} k^4 (2a)^2 l^2 \quad + \binom{4}{2} k^6 (2a)^4 l^4 \end{array}$$

MAJLIS
 KEMENTERIAN
 TUMBUH BAKAR
 KEMENTERIAN
 KONGSIARA

$$\frac{1}{(1+x)^2} = 1 + I x + II x^2 + III x^3 + IV x^4 + V x^5 + \dots$$

$$\begin{array}{l} I x \\ k^2 l^2 \\ -2k^2 a l \\ \\ II x^2 \\ k^4 \binom{2}{0} l^4 \\ -k^4 \binom{2}{1} 2a l^3 \\ + \binom{2}{2} k^4 (2a)^2 l^2 \\ \\ III x^3 \\ k^6 \binom{3}{0} l^6 \\ -k^6 \binom{3}{1} 2a l^5 \\ + k^6 \binom{3}{2} (2a)^2 l^4 \\ -k^6 \binom{3}{3} (2a)^3 l^3 \\ \\ IV x^4 \\ k^8 \binom{4}{0} l^8 \\ -k^8 \binom{4}{1} 2a l^7 \\ + k^8 \binom{4}{2} (2a)^2 l^6 \\ -k^8 \binom{4}{3} (2a)^3 l^5 \\ + k^8 \binom{4}{4} (2a)^4 l^4 \\ \\ V x^5 \\ + k^{10} \binom{5}{0} l^{10} \\ -k^{10} \binom{5}{1} (2a) l^9 \\ + k^{10} \binom{5}{2} (2a)^2 l^8 \\ -k^{10} \binom{5}{3} (2a)^3 l^7 \\ + k^{10} \binom{5}{4} (2a)^4 l^6 \\ -k^{10} \binom{5}{5} (2a)^5 l^5 \end{array}$$

$$\frac{1}{(1+x)^2} = 1 + I k^2 a l + II k^4 (2a)^2 l^2 + III k^6 (3) 2a l^3 + IV k^8 (4) (2a)^3 l^4 + V k^{10} (5) (2a)^4 l^5 + VI k^{12} (6) (2a)^5 l^6 + \dots$$

$$\begin{array}{l} l^2 \\ + I k^2 \\ + II k^4 (2a)^2 \\ \\ l^3 \\ - II k^4 (2) 2a \\ - III k^6 (3) (2a)^3 \\ \\ l^4 \\ + II k^4 (2) \\ + III k^6 (3) (2a)^2 \\ + IV k^8 (4) (2a)^3 \\ \\ l^5 \\ - III k^6 (3) 2a \\ - IV k^8 (4) (2a)^3 \\ - V k^{10} (5) (2a)^5 \\ \\ l^6 \\ + III k^6 (3) \\ + IV k^8 (4) (2a)^2 \\ + V k^{10} (5) (2a)^3 \\ + VI k^{12} (6) (2a)^4 \end{array}$$

F	-1	1 F.	+1	9 F.	+4	17 F.	-11	25 M.	-8	5 M.	+8	19					
0	759	-5	-14	762	-19	+36	706	-4	-11	741	-17	-10	647	+17	+6	597	-11
	+2		-9			+37				-9			+57			+7	

F	-17	2 F.	0	10 F.	-3	18 F.	-3	26 M.	-22	6 M.	+14	14					
+5	748	-11	-15	756	-12	+54	668	-12	+3	702	-4	+5	643	+9	-15	571	-14
	+24		-15			+47				+17			+57			-29	

F	-20	3 F.	-3	11 F.	-18	19 F.	-13	27 M.	-1	7 M.	+6	15					
-4	784	-19	-6	749	-19	+2	779	-26	-8	735 735	-24	-11	618	+14	-6	570	-1
	+3		-3			-13				-7			+28			+3	

F	+8	4 F.	-2	12 F.	+2	20 F.	0	28 M.	+9	8 M.	-1	16					
-3	697	+7	-11	716	-5	-9	768	-9	-14	776	-19	-10	616	+6	-12	605	-17
	+38		-5			+14				-7			+19			-9	

F	+11	5 F.	-18	13 F.	-6	21 M.	-2	1 M.	+3	9 M.	+3	17					
+58	656	+18	+5	687	-15	+2	740	-9	M -20	753	-15	-25	624	+1	-19	603	+2
	+69		+16							-14			+4			+10	

F	-17	6 F.	-7	14 F.	-19	22 M.	+12	2 M.	+9	10 M.	+9	18					
+22	723	-10	+36	735	-29	+9	753	-15	-20	696	-1	-30	598	-1	-10	587	-2
	+11		-1			+5				-6			-1			+14	

F	-9	7 F.	-18	15 F.	+3	23 M.	+4	MAGYAR TUDOMÁNYOS AKADÉMIA KÖNYVTÁRA	M.	+25	11 M.	+11	19				
+14	768	-19	-5	799	-17	+4	800	-10	-19	664	-4	-60	537	+11	-37	520	+27
	-1		+4			+5				-7			-2			+17	

F	0	8 F.	+11	16 F.	-7	24 M.	-11	4 M.	+4	12 M.	-17	20					
-1	776	-23	+20	720	-6	+14	758	-5	+27	653	-13	+16	548	-11	+17	538	-16
	-22		+33			+26				+37			+10			+1	

m. +8 21

-14 533 -8

-14

m. -15 22

+29 506 -12

+15

m. -4 23

+35 545 -29

+16

m. -15 24

+30 595 -8

+3

m. -27 25

+25 609 -24

+41

m. +8 26

-19 645 +5

+12

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

$$\mu \frac{d^2 w}{dx^2} + H \frac{dw}{dx} + \kappa w = 0$$

$$w = K e^{-dx} \sin \frac{2\pi(x-l_0)}{\tau}$$

$$d = \frac{H}{\mu} \quad \frac{2\pi}{\tau} = \sqrt{\frac{\kappa}{\mu} - d^2}$$

A függvény

határvértékénél $\tau\varphi - C \sin 2d$

$$\tau d\varphi - 2C \cos 2d d\varphi$$

~~$\tau\varphi - C$~~

$$\tau(\varphi + \varepsilon) - C \sin 2(d + p)$$

$$\tau\varphi + \tau\varepsilon - C \cos 2d \sin 2\varphi - C \sin 2d \cos 2\varepsilon$$

$$\tau\varphi + \tau\varepsilon - C \cos 2d \cdot 2\varepsilon - C \sin 2d + C \sin 2d \varepsilon^2$$

$$\tau\varphi - C \sin 2d = 0$$

függvény határvértékénél $= (\tau - 2C \cos 2d) \varepsilon + C \sin 2d \varepsilon^2$

határvértékénél $= (\tau + 2C \cos 2d) \varepsilon - C \sin 2d \varepsilon^2$



Függvény ε helyén ε álljon.

határvértékénél $\frac{d^2 w}{dx^2} = - \frac{(\tau - 2C \cos 2d) w + C \sin 2d w^2 + C \frac{dw}{dx}}{\kappa}$

határvértékénél $\frac{\tau - 2C \cos 2d}{\kappa} = B$

$$\frac{C \sin 2d}{\kappa} = -W$$

$$\frac{\varepsilon}{\kappa} = h$$

középvértékénél $\frac{\tau + 2C \cos 2d}{\kappa} = 0$

$$+ \frac{C \sin 2d}{\kappa} = w$$

ahol

Arany LXXXVI 1003

$$\frac{dw}{dt^2} + h \frac{dw}{dt} + aw = w \omega^2$$

in ha

$$d = \frac{h}{2}$$

$$\frac{2\pi}{T} = \sqrt{s - d^2}$$

$$w = A e^{-dt} \sin \frac{2\pi}{T} \frac{t-t_0}{T} + \frac{w A^2 e^{-2dt}}{3s} \left(1 + \cos^2 \frac{2\pi}{T} \frac{t-t_0}{T} \right)$$

$$w \left| \begin{array}{c} \frac{w A^2 e^{-2dt}}{3s} \\ \hline \omega_1 \quad \omega_2 \end{array} \right.$$

$$w=0 \quad t=0$$

$$- \sin \frac{2\pi}{T} \frac{t-t_0}{T} + \frac{2Aw}{3s}$$

$$\dot{v} = \dot{A} \sin$$

$$v = -d A e^{-dt} \sin \frac{2\pi}{T} \frac{t-t_0}{T} - 2d \frac{w A^2 e^{-2dt}}{3s} \left(1 + \cos^2 \frac{2\pi}{T} \frac{t-t_0}{T} \right)$$

$$+ \frac{2\pi}{T} A e^{-dt} \cos \frac{2\pi}{T} \frac{t-t_0}{T} - \frac{4\pi}{2T} \frac{w A^2 e^{-2dt}}{s} \cos \frac{2\pi}{T} \frac{t-t_0}{T} \sin \frac{2\pi}{T} \frac{t-t_0}{T}$$

$$- d \sin \frac{2\pi}{T} \frac{t-t_0}{T} - \frac{2}{3} \frac{w}{s} A e^{-dt} \left(1 + \cos^2 \frac{2\pi}{T} \frac{t-t_0}{T} \right)$$

$$+ \frac{2\pi}{T} \cos \frac{2\pi}{T} \frac{t-t_0}{T} - \frac{4}{3} \frac{\pi}{T} \frac{w}{s} A e^{-dt} \cos \frac{2\pi}{T} \frac{t-t_0}{T} \sin \frac{2\pi}{T} \frac{t-t_0}{T}$$

$$w = A e^{-\alpha t} \sin \pi \frac{t-t_0}{T} + \frac{w}{\beta} A e^{-\alpha t} \left(1 + \cos^2 \pi \frac{t-t_0}{T} \right) = 0$$

$$w = 0 \quad t = 0$$

$$0 = -\sin \pi \frac{t_0}{T} + \frac{w}{\beta} A \left(1 + \cos^2 \pi \frac{t_0}{T} \right)$$

to himing.

$$0 = + \sin \pi \frac{T'-t_0}{T} + \frac{w}{\beta} A e^{-2\alpha T'} \left(1 + \cos^2 \pi \frac{T'-t_0}{T} \right) \pi$$

$$T' = T + \tau$$

$$T'' = T' + \tau'$$

$$T + T' = \cancel{T + T'} = T + \tau + T + \tau' = 2T + 2\tau + \tau'$$

$$0 = -\sin \pi \frac{\tau-t_0}{T} + \frac{w}{\beta} A e^{-2\alpha T'} \left(1 + \cos^2 \pi \frac{\tau-t_0}{T} \right) \pi$$

huit

$$g \text{ s'immature} = -\frac{t_0}{T} \pi + \frac{2}{\beta} \frac{w}{\beta} A$$

$$0 = \left(-\left(\frac{\tau}{T} + \frac{t_0}{T} \right) \pi + 2 \frac{w}{\beta} A e^{-2\alpha T} \right)$$

huit

$$0 = \left(+ \frac{2\tau + \tau'}{T} - \frac{t_0}{T} \right) \pi + 2 \frac{w}{\beta} A e^{-4\alpha T}$$

$$\frac{t_0}{T} \pi = \frac{2}{\beta} \frac{w}{\beta} A$$

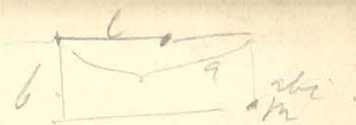
$$\frac{\tau}{T} \pi - \frac{t_0}{T} \pi = \frac{2}{\beta} \frac{w}{\beta} A (e^{-2\alpha T})$$

$$-\frac{2\tau + \tau'}{T} \pi + \frac{t_0}{T} \pi = \frac{2}{\beta} \frac{w}{\beta} A e^{-4\alpha T}$$

$$\frac{\tau}{T} \pi = \frac{2}{\beta} \frac{w}{\beta} A (1 + e^{-2\alpha T})$$

$$-\frac{2\tau}{T} - \frac{\tau'}{T} \pi = \frac{2}{\beta} \frac{w}{\beta} A e^{-2\alpha T} (1 + e^{-2\alpha T})$$

I pont vanis illat yphorale poyis momentum valozasa



1898 Novem

Levitudo

$$\left(\frac{\partial F}{\partial y}\right)_0 = \frac{f_{dm}}{f_{dm}} = l \left| -k^3 a \right| + l^2 \left| +I k^5 a^2 \right| + l^3 \left| \begin{array}{l} -I k^5 a \\ -II k^7 \binom{7}{2} a^3 \\ \dots \\ -I' 3 k^7 2a \cdot b^2 \end{array} \right| + l^4 \left| \begin{array}{l} +II k^7 \binom{7}{2} 2a^2 \\ +III k^9 \binom{9}{3} 2^3 a^4 \\ \dots \\ +I' 3 k^7 \binom{7}{1} b^2 \\ +II' 3 k^9 \binom{9}{2} (2a)^2 b^2 \end{array} \right| + l^5 \left| \begin{array}{l} -II k^7 \binom{7}{2} a \\ -III k^9 \binom{9}{2} 2a^3 \\ -IV k^{11} \binom{11}{4} 2^4 a^5 \\ \dots \\ -II' 3 k^9 \binom{9}{2} 2a b^2 \\ -III' 3 k^{11} \binom{11}{3} (2a)^3 b^2 \end{array} \right| + l^6 \left| \begin{array}{l} +III k^9 \binom{9}{3} 2a^2 \\ +IV k^{11} \binom{11}{3} 2^3 a^4 \\ +V k^{13} \binom{13}{5} 2^5 a^6 \\ \dots \\ +II' 3 k^9 \binom{9}{2} b^2 \\ +III' 3 k^{11} \binom{11}{2} (2a)^2 b^2 \\ +IV' 3 k^{13} \binom{13}{4} (2a)^4 b^2 \end{array} \right| + l^7 \left| \begin{array}{l} -III k^9 \binom{9}{3} a \\ -IV k^{11} \binom{11}{3} 2a^3 \\ -V k^{13} \binom{13}{5} 2^4 a^5 \\ -VI k^{15} \binom{15}{6} 2^6 a^7 \\ \dots \\ -III' 3 k^{11} \binom{11}{3} 2a b^2 \\ -IV' 3 k^{13} \binom{13}{3} (2a)^3 b^2 \\ -V' 3 k^{15} \binom{15}{5} (2a)^5 b^2 \end{array} \right|$$

$$k^2 = \frac{1}{a^2 + b^2 + c^2}$$

- I = $\binom{-2}{1}$ I' = $\binom{-5}{1}$
- II = $\binom{-2}{2}$ II' = $\binom{-5}{2}$
- III = $\binom{-2}{3}$ III' = $\binom{-5}{3}$
- IV = $\binom{-2}{4}$ IV' = $\binom{-5}{4}$

transmissio

$$\left(\frac{\partial F}{\partial y}\right)_{\frac{\pi}{2}} = \frac{f_{dm}}{f_{dm}} =$$

MAGYAR TUDOMÁNYOS AKADEMIÁ KÖNYVTÁRA

Transmissio

759,6

759,8

42,7

742,0

742,7

759,6

742,0

17,0

759,8

742,0

16,8

759,6

742,6

17,0

A

T_A

a

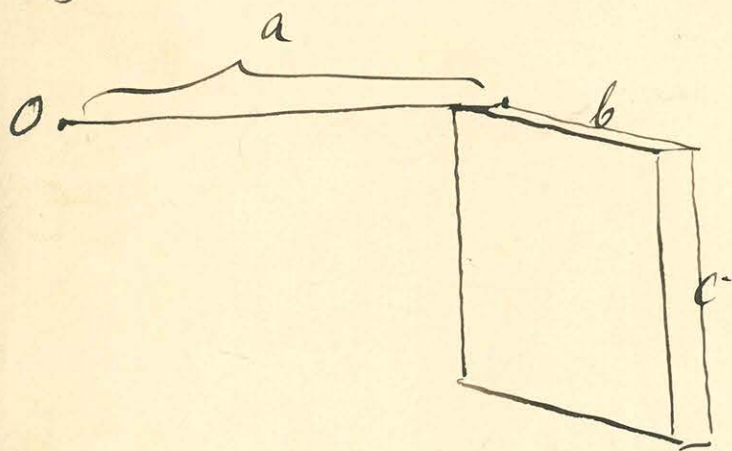
Feb. 22	525	859,49	148,0	859,57	
21	586,7	859,18	125,3	859,7	
20	525,0	859,47	176,0	859,54	87
19	575,4	859,28	168,8	859,50	115
18	524,6	859,42	172,4	859,45	3
17	507,6	859,27	166,6	859,47	T 10
16	551,3	859,28	180,8	859,60	22
15	610,6	859,58	148,6	860,13	15
14	486,0	860,03	156,7	860,05	T 2
13	525,6	859,94	860,2	860,10	19
12	510,0	860,13	165,0	860,15	2
11	612,0	860,48	149	860,10	T 2
10	579,0	860,21	140	860,24	12
9	580,0	860,11	141	860,26	24
8	468	860,20	212	860,13	T 8
7	427	859,88	172	859,95	T 7
6	51	859,92	172	859,88	-4
5	548	859,47	180	859,60	15
4	598	859,66	146	859,68	2
3	480	859,56	158	859,58	2
2	492	859,28	169	859,48	T 20
1	570	859,22	167	859,52	20
0	525	859,20	172	859,45	T 12
0	526	859,20	170	859,28	15

21/100

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

Alf ontloeping met lengte a en hoogte c en breedte b van de x -as.

D'waarschijnlijkste \int van x van 0 tot a is $\int_0^a f(x) dx$. De waarde D van $\int_0^a f(x) dx$ is de som van alle $\int_0^a f(x) dx$ die $\int_0^a f(x) dx$ zijn.



$$X = \int_0^a dx \arctan \frac{bc}{x\sqrt{x^2+b^2+c^2}}$$

Neem $x = a - \xi$ dan $dx = -d\xi$
 of $x = a - \xi$ dan $dx = -d\xi$

$$X = - \int_{\xi=0}^{\xi=a} d\xi \arctan \frac{bc}{(a-\xi)\sqrt{(a-\xi)^2+b^2+c^2}}$$

$$X = - \int_{\xi=0}^{\xi=a} d\xi \arctan \frac{bc}{(a-\xi)\sqrt{(a-\xi)^2+b^2+c^2}}$$

of $\int_0^a f(x) dx$ is de som van alle $\int_0^a f(x) dx$ die $\int_0^a f(x) dx$ zijn.

$$f(x) = f(x) + h f'(x) + \frac{h^2}{2} f''(x) + \dots$$

$$\frac{d}{dx} \arctan \frac{bc}{x\sqrt{x^2+b^2+c^2}} =$$

Maak $\int_0^a f(x) dx = f(0) \cdot 0 + f'(0) \cdot \frac{0^2}{2} + f''(0) \cdot \frac{0^3}{6} + \dots$

$$f(0) = \arctan \frac{bc}{(a-0)\sqrt{(a-0)^2+b^2+c^2}}$$

$$f'(0) = + \frac{bc}{(a-0)^2\sqrt{(a-0)^2+b^2+c^2}} + \frac{2(a-0)^2+b^2+c^2}{(a-0)^2\sqrt{(a-0)^2+b^2+c^2}}$$

$$f''(0) = + \frac{bc}{a^2(a^2+b^2+c^2)+b^2c^2} \frac{2a^2+b^2+c^2}{\sqrt{a^2+b^2+c^2}}$$

Waar $X = \int_0^a \arctan \frac{bc}{x\sqrt{x^2+b^2+c^2}} dx = \int_0^a \frac{bc}{a^2(a^2+b^2+c^2)+b^2c^2} \frac{2a^2+b^2+c^2}{\sqrt{a^2+b^2+c^2}} \frac{D^2}{2} + \dots$

$$f''(\xi) = \frac{bc(a-\xi)}{(a-\xi)^2\sqrt{(a-\xi)^2+b^2+c^2}} - 4 + 2 \frac{[(a-\xi)^2+S^2]^2}{(a-\xi)^2S^2+b^2c^2} + \frac{(a-\xi)^2+S^2}{S^2} \quad S^2 = (a-\xi)^2+b^2+c^2$$

1898 Mei 11

Diff	Quadr.	Diff	Quadr.
20	400	11	
85	7225	11	121
56	3136	14	196
82	6724	50	2500
68	4624	35	1225
39	1521	16	256
57	3249	27	729
80	6400	11	121
89	7921	33	1089
71	5041	51	2601
37	1369	41	1681
22	484	25	625
12	144	25	625
15	225	52	2704
20	400	86	7396
31	961	70	4900
19	361	35	1225
8	64	31	961
26	676	38	1444
43	1849	53	2809
20	100	26	676
6	36	19	361
51	2601	41	1681
39	1521	43	5329
22	484	57	3249
27	729	33	1089
18	324	17	289
24	576	16	256
15	225	14	196
		12	144
		34	1156
	59370		47634
	121011		

Libra Quadrata
108031 + 81/2

MAGYAR
TUDOMÁNYOS AKADÉMIA
KÖNYVTÁRA

59370
47634
107004

131414

Magyar nyelv és irodalom nyelv

Megjegyzések

<u>anyag</u>	szószám	szószám / oldal	szószám / oldal	szószám	szószám
	50,500 gr.	10,5			
	+10 gr.	9,6			
	50,500 + 20 gr.	8,7			
	50,500 + 50 gr.	6,0			
	50,500 -	10,5			
Porta rövidítés	1,850 gr.	14,8			
2 felső	2,750 gr.	11,0	47,745		
2 alsó	2,750	14,2	47,710		
4 jobb	1,000	16,9	49,430		
4 bal	1,400	9,0	49,084		
6 felső	1,750	12	48,734		
6 alsó	1,500	11,5	48,989		
	50,500 gr.	13,0			
A Szószám igazításra kerül					
	50,500 gr.	<u>14,7</u>		14,8	Fülszám
8 jobb	1,450	11,5	49,024	49,086	49,051
8 bal	1,600	14,2	48,895	48,905	48,840
10 felső	1,600	11,0	48,878	48,942	48,855
10 alsó	1,800	10,0	48,667	48,752	48,694
12 jobb	1,900	10,0	48,567	48,652	48,638
12 bal	1,900	8,5		48,669	48,654
	50,500 gr.	<u>15,0</u>			
11 bal	2,050 gr.	17,0	48,428	48,425	48,435
11 jobb	1,850 gr.	14,1	48,657	48,656	48,660
9 felső	1,600	12,5	48,927	48,923	48,905
9 alsó	1,850	13,0	48,675	48,668	48,665
7 bal	1,300	11,5	49,238	49,234	49,225
7 jobb	1,300	19	49,156	49,152	49,190
	50,500 gr.	<u>14,2</u>			
				<u>586,064</u>	<u>585,792</u>

MAGYAR
TUDOMÁNYOS AKADEMIA
KÖNYVTÁRA

	50,500	<u>14</u>		586,064	585,792
5 febru	1,800	16	48,676	48,679	48,710
5 also	1,600	8,5	48,960	48,962	48,940
3 bal	1500	8,0	49,072	49,067	49,020
3 jato	1800	8,8	48,757	48,758	48,820
1 febru	2700	13,5	47,806	47,806	47,820
1 also	2800	11,0	47,724	47,734	47,750
	50,500	<u>14,2</u>			
2 febru	2,750	12,5		47,769	47,760
2 also	2,750	11,1		47,739	47,745
4 jato	1000	18,5		49,452	49,445
4 bal	1400	11,2		49,122	49,126
6 febru	1750	11,0		48,783	48,750
6 also	1500	12,0		49,022	49,006
				<u>1168,968</u>	<u>1168,694</u>
	50,500	14,1			
Brohacodis	1850	16,5			
7 bal	1500	11,5			
11 jato	2850	11,5			
	+10yr.	10,6			
	+20yr.	9,6			
	+100yr.	1,8			

$$\text{Köb} = 2 \times 29,84 \times$$

$$\text{Köb} = 2 \times 29,8 \times 29,87 \times 585,7$$

$$= 104272 \text{ Köb cartimata}$$

$$\text{Jüvung} = \frac{1168,968}{104272} = \underline{\underline{11,2095}}$$