

Kodaiikanal Observatory.

BULLETIN No IX

LIST OF PROMINENCES OBSERVED BETWEEN 1906 JANUARY 1 AND 1906 JUNE 30

Date	H 18	B	I t t d		I	II	R	
			N	t				
1906								
J y 1 85	0 11	1	66		I	10		
	30		0		I	15	Slightly l t t l Slightly l d t	
	23	1	1		I	1	tp	
	2	0	83		I	10		
	1		30		I	20		
	1)		28		I	0	A l l t l l l l f m l l	
	1	1	11		I	0		
	11	1	8		I	30	T i d t h l	
	13				I		P i t t l l t l	
	10			5	I	5		
	(			30	I	1	
	5)	1		31	W	30		
	16	0		6	W	10		
	1	7			W	30		
	13	1	3		W	20	D l l	
	1	1	0		W	0	A	
	31	1	3		W		S l t g t l l t h d t g t	
	31	1	6)		W		J l l	
			73		W	7		
	D 2 85	1	05	87		L	0	
		3	1	8		L		
		8	7	4)		T		l l d t b C
		1	4	19		J	1	A l w b l t b k
47		7	3		I	40		
43				1	I	1		
4		0		13	I	20		
40		2		0	I	10		
38		0			L	1		
35		1		57	I	10		
30		05		80	J	15		
23		1		82	I	20		
2		1		815	W	10	B g l t v y l l t C	
22				21	W	10±	T w f t l l t l t k 2 th m	
							l t l l f m l l	
0		1		8	W			
19	3		0	W	20			
8	3			W	40	S l l t y t l l C		
6		7 5		W	15			
		78						

Dt db	HST	B	L t t d		L mb	H ht	R k	
			N tl	S th				
1906								
J y 3	SS	8 15 40 38 2 32 7 5	1 1 8 05 0	51 24 18	27 31 9 7 0	I D I E W W W	30 0 2 90 1 10 0 5	Tl i m t g ttp Sl t t w d
D 4	SS	J 18 19 19 18 15 1 11 8 0 1 10 9 18 40 35	1 1 0 05 1 1 0 0 0	3 30 7 11 11	7 15 9 48 805 1	E D I D L I E I I I W	2 10 20 20 35 10 10 1 & 10	Sl t t d B ght D Tl l l t g l m t d t B d ttp
D 5	SS	11 31	1		13	I	7	V t
D 6	GN	12 10 8 2 0 0 9 37 3 19 32 30 30 19 18 15	2 1 1 3 1 1 1 1 0 8 1 1 1 1 1 1 1	13 24 0 16 11	3 J 335 73 71 3 18 12 1	I L I I I E E I I I W W W W W W W W W	80 90 30 5 25 0 20 40 15 15 12 5 12 20 45 40 25 15 20	V t R t Sl t t l l F t D S N t A l g l l l t w y f m l b F t
D 7	SS	10 22 0 16 11 3 9 57 11 0 0 10 49 47 11 18 10 38 35 23	1 0 1 2 05 0 0 0 0 0 0 1 1 0 0 05 1	345 8	5 46 61 64 705 48 44 37 34 5 14	E L L D I F L L W W W W W W W W W W	0 20 0 2 35 75 1 30 2 0 45 60 0 40 0 30 0	Sl t t l l S N t l C t d ttp O T p b l } C t d O Slightly b d t t l Slightly b l ttp S N t 2
D 8	SS	9 3 9 25 28 20	6 05 1	70 485 46 83 20		E I F I E	80 25 50 45 15	F t B l t t l Slightly b d ttp

Dt lb	H IS I	B	L t t d		Lmb	H t t	R l
			N t l	S t h			
1808 J y 8 SS	9 13		1		D	4	O 91 t n t d d t th l t p
	17		7		I		F t l d l t g t d
	10	10		19	L	70	S N t l
	13	1		195	W		O C C O C
	19	8		)	W	1 (	A l l l } C t l t l
	13	10		9	W	0	
	18			0	W	0	
	1)			6	W	0	
	13			11	W	0	O
	11	3		20	W	25	t f t O
40			19	W	5	S N t	
D 9 59	) 1	4	695		F	10	
	8 7	3	8		I	20	D h
	81	2	11		L	7	
	1)		)		I	10	
	1			8	I	20	F t
	10	1			I	30	
	40			10	I	10	
	39	1		66	I	0	
	36			72	I	60	
	35	0		77	I	0	
34	0		)	I	1		
) 31	1			W	0	90 l l O	
83	1		48	W	80	l l t t t I d 88 l gh	
29	4		41	W	40	l l t t t I d 88 l gh	
1	1		4	W	110	l l t t t I d 88 l gh	
20	1		9	W	20	80 hgl O A b t t w l d b t l y	
16	1		16	W	16		
11	4		11	W	7	D h	
11	05		59	W	10		
Do 10 99	10 18	1	70		I	4	
	12	0		05	I	80 & 80	
	1	0		3	I	45	B d t t p
	0	25		7	I	30	O t d t t
	8 4	1		74	I	0	
	4)			77	F	45	
	48	18		71	F	5	
	10 1			8	W	5	
	42	1		90	W	0	D h l A t k l l l t l m b t t l t p f
	37	3		3	W	100	r t O l m thw l O
38			98	W	50	D h d f n l m b	
8	5		43	W	50		
3			9	W	35	V y f t	
D 11 88	9 22	4	72		P	2	
	8 8	1	855		I	30	
	9 18	1	55		D	3	H l l w t w d O
	11	1	8		I	10	
	9		15		E	5	
	7		17		I	0	
	3		195		E	80	S l d t l D t h l f m l m b
	3		125		D	40	S N t
	4		105		I	80	
	3		10		I	80	A l n t g t k (t) d f m l m b
8 9		75		I	0		
58			35	L	0		
58			72	E	40		
58			73	E	3)		
58			74	E	30		
38			70	E	00	S l g h t l y b d t t l } C t d t b	
34	05		81	F	15		
30	15		80	E	25		
9 58	2		74	W	25	D h l r t	
50	8		595	W	5	r t	

Dt d b	H IST	B	L t t l		L b	H g l t	R m l
			N t l	S t l			
1806	v						
J y 11 89	9 16	1		32	V	2	D bl
	4	5		45	W	60 & 85	
	3J	1		105	W	20	Sl t w tw l
	87		195		Y	10	
	84		315		W	0	A t l t k l t h l f n l m b
	7	4	48		W	50	F t
	80		51		W	0	
	2		7		W	15	
D 12 88	9 45	1	4		E		C
	10 48	2	8		F	25 ±	
	42	1	13		E	20	
	40	5	J		E	15	
	33	25		21	F	40	M t g t t p
	38	2		305	E	40	
	5			9	L	30	D t l d f m m b l l l g t h y b d t h n b t t
	10	1		82	E	80	
	15	2		74	W	30 ±	
	2	1		6	W	2	
	0	0		74	W	80	
	9 8	15		89	W	0	
	43	1		5	W	30 ±	H g h t 2 t 14' 50
	8	7		32	W	20	
	5	10	9	2 5	W	30	
	14 48		22		W	15	H l l g d f m t l l 50
	45	1	42		W	30	l b d C
D 13 85	9 0	05	55		D	30	W t d y l g l t S N t
	17	05	6		I	2	
	17	1	595		I		Sl t t w l t l l t p l m t s t
	5	(	20		F	4	t t p
	8)	7	1 5		L	80	M b g l l t d t b
	56	05		95	F	15	
	52	1		21	I	1	
	52	1		35	I		Sl t t w l
	18	05		255	I	10 ±	I l m t g t l l p m
	48	0		28	D	30	Sl t g t l w l
	40	1		31	F	80	
	4	05		47	F	10	
	42			70	F	10	
	89	1		82	F	17	
	86	4		98 5	W	80	F t
	34				W	0	l t
	32			71	W	30	
	31	0		68	W	10	
	28	4		15	W	15	
	0 43			5	W	20	A b d t b
	4	1		42	W	1	
	40	15		3	W	20	
	96	1	23 5	9	W	0	T i l t t l w d
	89	1	27		W	40	
	81	1	40		W	10	
	29	2	44		W	10	V y f t
	28		40		W	15	
	8	1	77		W	1	D bl
D 14 88	10 29	1	1		E	2 ±	F t
	25	1	47		F	15	B g h t
	10	8	22		L	55	
	11	8		5	F	60	
	4	1		12	E	2	Sl t g t w d
	5	4		2	E	25	
	8	1		40	E	20	Sl t g t w d
	9 58			75	E		
	56			78	L	0	
	54			84	D	1	

Dt db	H I q r	B	I t t d		L 1	H gh	R m k
			N th	S th			
1.000							
J - y 14	SS	9 53	1	81	W	30	
		51			W	30	
		0		0	W	30	Slight b d ttp
		11 12	0	30	W	60 ±	Slightly b l ttp; S l t th l
		10	0	41	W		
			05	11	W	80 ±	B l t t l
		3	1	16	W	2	
		2	1	1	W	4	
		10 8		99	W	0	S N t
D 15	SS	15	1	(	I	0	F t
		18	1	70	I	35	
		10		(1	I	10 ±	B ht c t
		1		(	I	0	I t
		5	4	6	I	0	
		71		58	I	10	
		1		61	I	10	
		14		6	I	70	
		15		55	I	25 ±	T p y i t
		10 0	1	59	W	30	
		4	10	30	W	30 & 45	
		38	4	1	W	1	S N t
		31	1	21	W	40	S l t l t th
		23	6	41	W	6	
		13	35	18	W	60	I t d t l t
		11		8	W	0	
D 19	GN	9 31	1	7 5	I	10	C A t l l
		11	10	5	E	60	N t l
		10	1	78	E	35	F l m t l
		10	0	81 r	W	12	B l l
		9 2		23 5	W	80	S N t
		24	05	20	W	15	C A l l t y f m l m b
		8 31		13	W	35	
		2		(	W	0	O t l t t l y t l
		0	r	14	W	35	
		20		31	W	50	T p l l d l t th w d
		7	1	3	W	20	
		7	1	13	W	20	
		0	25	71	W	0	
		8 4	05	78 r	W	30	
D 20	GN	20	1	23	I	15	S N t
		15		15	I	120 & 4	t t l l t s l g w y f m l b
		0	75	1	F	50 ±	
		9	15	13	I	30	
		4	05	7	I	10 ±	
		17	25	78	I	0	
		5	1	62	W	12	
		2	15	9	W	1	T l f w t t d f l t
		0	1	11	W	20	l l f w b th d l t t t t t
		15	0	6	W	30	l t t
		40	5	18	W	80	T p l y t l m b t l t + 12 W
		40	1	21 5	W	2	C t d t t l l t t m t t p
		33	1	20	W	15	2 l l l l C
		32	3	48 5	W	85	NO h g l O
		28		70	W	21	
		28	0	74	W		
D 21	SS	9 8	2	32	I	50	b b b b y l g l t l
		20	1	26	E	0	
		22	1	22	I	45	S l t b w l t I t + 3 D
		0	1	1	E	60	
		16	1	5	I	15	D b l
		15		9	I		B ht
		1	1	1	I	20	

Dt db	H IST	B	L t t d		I mb	H ght	R m k	
			N th	S th				
1906								
J y 21	SS	9 10	1		195	E	80	A b l t
- 22		6	1		28	D	40	E t h l f t d th y b l t
		2			41	E	60	
		0			47	D		
		8 57			65	E	20	
		6	15		75	L	60	F t h l m t
		52	1		80	D		
		40	1		85	W	20	
		9 55	15		85	W	20	
		52	5	2		W	25	
		4	15	27		W	20	D l l
		48		42		W	80	S l t thw d
		95	15	78		W	65	
		5	1	71		W	80	
D 2	GN	9 10	4	815		E	65	
		5	4	28		L	0	
		14	1	21		I	20	C C t d t h l t l m t t l
		3	2	11		D	20	F t t k f w g f m t l t p l t l
		0		6		I	10	A l t t k d t l l f l m l
		8 52	15	0		I	12	
		52	1	205		I	30	
		53	0	21		I	20	} Alm t d t h t l
		52	3	42		I	20	
		47	2	475		E	4	F l m t l
		4		79		I	4	
		45		83		W	1	
		9 28	5	81		W	10	S l d
		25	1	36		W	30	F t O l m 3 l d l 4 l l
		24		4		W	1	
		2	05	5		W	12	
		20	3	635		W	60	F l t l
				65		W		
D 23	GN	9 11		73		I	20	
		)	1	39		I	10	S l g h t l l C
		9	2	3		E	4	D S l t t thw l
		4		0		D	0	
		2	5	4		L	30	
		0	0	505		I	20	
		8 58	3	755		I	50	
		23		41		W	25	
			15	37		W	13	
		21		84		W	30	S l t t l
		15	05	7		W	25±	
		18	45	3		W	35	F l t l O l l C
		14	1	10		W	20	
		14	1	525		W	0	
D 24	GN	9 0	2	85		I	20	S l d t l
		47	3	73		D	30	
		45	05	15		F	1	S t g d 30 l h O
		48	05	19		L	25	A t t t k b t 4 l n g n w n thw d
				125		L	20	f m t h m d l l f t
		41	2	1		L	70	B d t t l l p t l m b g t L t + l d
		85	1			L	120±	D d 10 L
		25	4	4		L	25	S t g d 90 h g l C
		28	05	48		L	0	S t l
		22	05	57		D	0	S l t g thw d
		23		60		F	25	} O t l b y t k t t p
		17	2	72		E	15	
		10 7	1	755		E	50	F t t th l t l m n t t p
		5	15	425		W	30	S l h t l y t l l C
		4	05	36		W	25	S N t 2
		2	25	26		W	25	S N t 3
		0	05	45		W	30	60 h g h C
		9 56	4	48		W	35	D b l

D t d b	H IS 1	B	t d		I mb	H ht	R m l
			N tl	S th			
1906							
J u y 24	(N	J 1	0	68		W	1
		3	0	755		W	2
				81		W	30
D 2	S S	10 4		73		I	50
		1	1	0		I	0
		8	05	12		I	35
		56	1	28		I	1
		51	05	28		I	1
		55	8	1		I	2
		53	1	19		I	60
		50	0	19		I	10
		48		9		I	80
		14		1		I	100
		30	4		1 5	I	100
		24	2		0	E	60
		27	1		31	I	10
		20	1		42	I	15
		1	1		405	L	30
		1	2			I	20
		10	J		50	I	20
					75	I	110
		10 26	05		83	W	1
		25	2			W	2
		20	0		42	W	0
		17	1	27		W	0
		15		42		W	60
		11	1	15		W	40
		11	1	47		W	40
		11	0	49		W	30
		(	05	71		W	0
		6	05	735		W	0
D 26	GN	9 20	1	45		F	30
		8 29		33		I	20
		2)	1	215		F	10
		9 1	1	13		I	0
		15	15	18		I	20
		1	0	17		I	30
		18	05	10		I	30
		11	0			F	1
		10	5		14	I	3
		9	2		17	I	3
		)			0	I	30
		7			25	I	20
		5	05	45		I	15
		1	1	51		I	90
		1	3	35		I	0
		1	1	7		I	30
		8 55	1	705		I	60
		55	1	15		I	0
		0 9	0	6		W	20
		22	05	425		W	15
		30	14	10		W	20
		25	1	4		W	20
D 27	SS	10 28	05	78		L	20
		27	2	75		I	50
				71		E	15
		9	05	68		F	20
		30	1	295		E	50
		30	3	235		E	70
		23	15	15		E	25
		23	05	12		D	25
		23	4	6		F	30
		23	15	2		E	25
		23	15		15	E	0
		19			9	k	25
		16	2		31	D	15

Ull l M yf t

M t l l P Mg l N l t g

I t

9 N t 1

5 N t 2

A t l b t 7 l g f w l h w d f m l

C l k

S l t H w l

D b l

V y f t O

B l t t p

O S m l l D t l d f l m l

S l t b t l d b t

S l t g t w d

b N t l

B g l t

A l d l d t l l f n l m b l f g m t y

S l t b t h d

S l t g t w d t l l t p m

S N t 2

V y f t S l l t y l t g t d

S l d

A l t m t t t p

A t l g t l t p f l f n d

l m t g t h t p m n

D t h d f m l m b

Dt d b	H IST	B	L t l		L l	H glt	R m l		
			N tl	S tl					
J y 27 - 27	SS	1 28	5		55	Γ	35	S N 1	
		5	4		71	Γ	80±		
		11 2	1		83 5	l	40		
		2	05		91	W	40		
		9 2			7	W	30		
		11 7			30	W	30		
		5	1		17	W	25		
					12	W	2	A l d l b t j l i l n t p l l t l m b	
		54	15		5	W	0		
		15	17	20 5		W	50	S N t 2	
		41	1	02 5		W	25		
		40	1	73 5		W	0		
		D 28	SS	9 26	1	51	L	0	} C t l t t l t t b t 8 l f l w t d f m t l t p l m t l l l t l l b A l l l l s l t t l d l l t t h t t l l l m I t I t S l t l y b l t t l D b l S l w w d 30 & 40
				26	15	7	Γ	80±	
				26		76	l	l		50
2				41	l	l	30		
22	05			36	l	l	20		
18	1			32	l	l	70		
18	5			2	Γ	Γ	60		
11	05			18	Γ	Γ	15		
10	17			35	Γ	Γ	80		
9	1				l	l	20		
8	2				l	l	20		
8	12				31	l	30		
8	2				1	L	40		
58	05				56	l	10		
58	1				59 5	l	20		
4	1				49	l	80		
1	1				84	-	85		
4					77	W	60		
47						W	0		
9 11					31	W	30		
11	1		91	W	30				
44	05		15 5	W	2				
43	05		11	W	20				
40	1			W	25				
38	1	25		W	30 & 40				
33	2	17		W	70				
31	1	7		W	20				
D 29	SS	9 11	3	90 5	Γ	90	l l l t l C A l t t l l t l I t m t t h l l g C t l t + 7 k l B i C Γ t t l C M t C δ t S l t t w l D l l B l t B l t l U p l p t f l l t g w d A f t l t l h d f l m b D l l B l t t S l t l t l l d l b t t O S l t d t t h D l l S l t t h w d		
		31	8	77	l	30			
		31		69	L	l		80	
		28		60	Γ	Γ		60	
		0	12	87	l	l		60	
		10	14	20	l	l		60	
		1		6	L	l		30	
		1	05		18	l		20	
		1	05		20	l		15	
		8 57	11		32 5	l		5	
		53	0		53	E		30	
		53	3		58 5	l		30	
					60	l		20	
		50			4	Γ		1)	
		50			4	Γ		10	
		0	05		67	l		10	
		48	1		73 5	E		10	
		46	0		84	W		60	
		44	1		8	W		15	
		40	2		78	W		80	
10 8			73 5	W	20				
			52 5	W	20				
4	2		45	W	0				
3	05		40 5	W	80				
0	4		84	W	50				
9 49	05		1	W	0				
47	2	8		W	15				
45	1	26 5		W	2				

D t d b v	H T S I	B	T t t l		L m b	H g l t	R m l
			N H	S t l			
1306							
J y 29	SS	41	15	61	W	25	} S l t t l
		10	1	68	W	80	
		98	05	7	W	20	
		3	05	83	W	0	
D 30	SS	29	1	92	F	5	} l g h t B g l t I l l S N t A f q t y l d y f t h l l by 70 C t l C t l l t l m I t S l t b d d l f t l b l I t C O
		1		75	F	30	
		15	1	(5	I	0	
		11		8	I	10	
		11		(	I	0
		7	1	41	I	30	
		1		31	I	30	
		8	9	1)	I	0	
		1	0	3	I	10	
		50			I	20	
		4)	2		I	15	
		1			W	35	
		1			W	35	
		40	2		W	0	
		0			W	10	
		1			W	10	
		15			W	40	
		2			W	10	
		2	25		W	L w	
		10			W	10	
		3	0	1	W	0	
		3	1	27 5	W	20	
		91	1	18 5	W	1	
		30	1	84	W	30	
D 31	GN	2	2	82	F	1	} S N t } l l v t l N t f l C N t f d C O O
		0	05	81	F	2	
		1		79	F	2	
		20	1	78	I	2	
		8 31	1	7 5	I	30	
		91	15	(5	I	13	
		9 18	1	1)	I	20	
		8	0	13 5	I	20	
		18	0	10	F	1	
		6 5	12	9 5	I	1	
		2	2	28	I	8	
		0	0		I	1	
		50			I	30	
		47			E	20	
		47	05		I	17	
		17	05		I	15	
		45	0		I	20	
		44			I	17	
		31	1	83	W	10	
		34	1	83 5	W	0	
		0 36	5	77	W	0	
		98	1	73 5	W	35	
		34		81	W	30	
		80		29 5	W	15	
		80		13	W	17	
		27	15	73	W	12	
				77	W	15	
				84	W		
F bru y 1	SS	9 9	25	84	F	20	} T l t l by f t t l } S l b g t w d d l m t t h th V t l S l d O I t V t l I p l g t l y b g h t t h t h s t f d p m S N t l
		6	05	82	E	15	
		6	05	78	F	20	
		10 30		78 5	F	25	
		30		73	F	30	
		9 4		55	E	25	
		27	05	51	E	150	
		2	05	48 5	E	20	
		0		88	E	15	

r t d b	H IST	B	L t t d		L l	H ght	R n l
			N th	S h			
1908 i b y1 SS	9 0 8 58 50	1 1 2	35 17 8		I I I	0 70 1	3 l h t 10' 30 (t d t t p r m wh lff t t 10 40m C t d t t l l t l n t t p
	49 48 46 44 4 40 8	05 1 1 1 5	4	8 14 30 39 85 785 73	D D D L E W W	0 25 20 20 1 25 20 & 40 —	T p t l m b g t I t - 34 F B d g t w d t t l S l h i l y b l t t l l l h g h t l t 70 l g h J 38 O l g t i l y d p l l b l y n p m n t l l t A l h t t
	9 39 31 30 80 28 7 25	2 1 1 1 2	15 10 15	31 11 145	W W W W W W	5 15 5 10 2 0	S N t D b l S l d A w t l t l w t l l d b l k l k t t p
	20 15 15 18 11 11	7	275 71 78 76 82 82		W W W W W W	1 & 2 5 30 5 0	
D 2 GN	9 3 8 39 9 5	15 0 1	78 5 1		I I L	80 120 30 (0 110	O V y f t l S N t B d g t h l B g h t V y t t O D
	8 51 49 40 40 1 30 9 51 52	1 15 1 5 0 05 15 1	7 17 21 95 31 59 83 17 65		I I I I E F W W W	1 1 15 80 15 20 20 30 40	T p b t l w y (t t h O r l g I l l d t l w d i t t h O r l g t f t l l t p F t g l
	4 1 37 88	1 1 1	9 30 70 74		W W W W	0 30 30	
D 3 SS	9 97 34 30 80 28	1 6 1	77 78 04 80 53		I L I E L	2 0 0 20 5	D l l l b h f m h m l d l m t l m l g t l t + 5 l E V y t t C (A y f t l d () } S N t l t t l t p l h l n t L t + 58 E M t b b l d t l w l l l y t C D l b l
	3 8 59	7 1	35 b 32		E D	0 120	
	9 15	12	20		D	100	
	7 8 8 58	1 8 ,	6 4 82		E F E	25 20 50	A h t f t t k l h g w y t w d f t l d l l f t I t V y t t
	56 54 51 47 46 45	05 15 05	52 9 83 775 75 725		E E W W W W	15 2 ± 4 30 25 1	

Dt	db	IF IST	B	L t t d		L l	H l t	R m k	
				N th	S th				
1908									
F b	y s	SS	10 5	1		3)	W	10	I bl
	- onid		1	1		7	W	20	S b l t b
			0	1		8	W	0	S l t g w t l
			9 7	1			W	10	
			5		4		W	0	
			58		155		W	30	D t l l f l l
			1		20		W	15	S N t
			11	6	33		W	0	S N t S
			10	1	7 5		W	10	F l b d d b
			3J		84		W	10	tw l
D	4	GN	10 10	1		8	D	30	C l m l l
			9 1	5		73	I	0	C F t t l l t l m tb
			17				I	10	C C t l l m l y h l l d
			17		19		I	1	C
			10 5	5	125		I	CU 17	
			9 4	6	30		F	2 ±	
			51	2			I	0	A b l f m l m d l l t l l l
			16	1	4		I	15	t l t + d l
			18				I	17	S l d
			1	1		1	I	18	A f t l t t l y l h t p t
			12	1	18		F	12	b
			11	25	23		I	0	
			41	1	49		J	10	D l l D l l l l l l
			10	05	1 5		I	20	H l l l t t l
			32	3	71		I	15	
			30		8		W	0	D t l d l l l
			30		8		W	15	S l d D t l d f l l
			10 35	1	77		W	30	D t l d l m l l } O l d
			8	1	15		W	45	
			83	1	43		W	30	S l g t l y t l l
			30	15	18		W	70	B d t t p t d t t A t l l t
			25	4	8		W	70	l t t l w w d f m
			25	1	8		W	70	t l t l f t h i C
					84		W	45 ±	S N t
					3		W	10	
			15		77		W	85	B l s t l w d t t l
			15		80		W	3	
D	5	SS	8 2)		71		I	150	O v y f t H y l
			9 9	1	615		I	20 ±	B l t
				2	58		I	2	
			1)	7	40		F	0	
			16		95		I	30	V y f t l d l l l l l l l
			12		12		I	0 ±	A b t b b l D l d f l m b
			1		9		I	4J	S l d
			10		7		I	0	
			9	2	2		I	10	S N t l
					6		I	20	S l l
					11		I	15	l l t d t t l l l t L t - 6
			2	05	17		I	10	B l t
			1	2	38		I	15	
			8 5	11	88		I	30	O l g t t t l
			48	2	47		I	10	S l l t t l
			4	1	81		F	1	T p b d d l t w w l t l m b
					83		W	100	C l L t S l W
			3	1	7 5		W	0	S b d t l
			0 17	1	62		W	1	
			10	05	58		W	2 ±	I t S l t n w t d
			14	2	43		W		
			10	2	43		W	70	S d p m l l y l d f h l l

Dt	db	H IsI	B	L t t l		L b	H ght	l m l
				N tl	S tl			
190								
Fb	y	GN	10		39	W	20	l t l t t l w l
			0	2	2	W	0	S N t
			9 54	10	20	W	50	l l t l N t t l f l C
			8 9	11	815	W	5	C
			9 39	05	695	W	2	S l t t w l l t l
			88	1	2	W	45	S t l t t l l g h t t h l w l l l
			81	3	77	W	35	
D	6	GN	8 9		73	I	0	C
			9 2	05	70	I	5	S N t l
			5 2		77	I	20	(S l t h l l l t l
			9 31	2	55	E	12	
			30		4	I	0	S t a b t l t t l
			5	15	33	I	20	S N t
			28	15	30	I	20	
			1		25	I	30	
			22	1	195	F	40±	
			1	05		I	0	Γ g t y B d t t l (t l t t h
			15			F	50	l t l m l l t l l L t J) I T l
				15	36	I	30	h l l i t C
			1	1	4	I	12	
			0		15	F	15	D l l D l l l l m l l
			8 58	7	805	W	10	Γ m t l M t n C
			9 48	2	45	W	0	) b l S l t t t l w d S t g n C
			42	3	215	W	0	Γ l t t t l
			8 21		11	W	30	
			9	0	1	W	0	
			9 38	1	71	W	0	
			39	15	745	W	60	
			38		77	W	60	
D	7	SS	9 30	05	84	E	10	C v y l t
			8 43	05	755	I	12	S g h t l y l l l C
			9 29		74	I	80	S l t t w l l m t g t l t l m n
			22	05	615	I	50±	S t
			22		58	I	100	A l p
			11	1	53	I	30	
			14		33	I	15	
			11			I	20	
			10	3	75	I	20	S l t t t l l
			8		18	I	25	V y f t C
			3	3	34	I	70	I t l t l l l l m l
			0	3	415	E	0	S l l y i t w y f l m l
			8 58	1	3	I	2±	
			58		58	I	0	A l t t l t l l f m l l
			58		74	I	2	B d t t l C l y f n t b t r
			48		81	W	6	b d t l
			10 12		7	W	10	B g l t b 180 t g l C
			9	0	48	W	90	
			2	8	7	W	70	D l l M t C
			9 58	45	15	W	75	
			52	05	35	W	15	
			50	45	12	W	20	
			47	0	17	W	25	
			4		19	W	20	
			45		215	W	30	
			41	2	36	W	45	
			38		54	W	15	V y f t
			35		70	W	20	
			33	2	71	W	35	
			32		78	W	20	
D	8	GN	8 39	05	78	E	40±	C
			9 20	25	595	E	40	S l t t y l C
			15		525	F	80	h l m t l } C t l C
			15	2	495	E	60	

Dt db	H ISi	B	L t t d		I ml	H lt	R l
			N tl	S tl			
1808							
Fb y8 (N	10	5	7		I	30	S t
- 42	(	1	8		I	15	D h t
	2	1			I	15	
	0	15			I	15	
6 3)	3)	05		267	I	12	
1) 3)		0		98	I	45	C r t
		0		(15	I	30	C
		1		83	W	15	C l
		0		19	W	30	45 l gl d t t p m t l m b
	0	1		245	W	65 (10	6 (L t - 3 W
4	35	5	2	115	W	(0	A l t l d f l m b
	30	2	27		W	5	
	30		3 5		W	0	
	30		3(		W	20	
	30		38		W	2)	
	20	1	74		W	20	
					W	90	B l b w t l t t j
D 9 SS	15	4	(95		I	80	
	14		(1		I	40	S N t 1
	10		)		I	40	B l l t t C t l O t d t t h
	5	2	30		I	2	l t l
	0	3	185		I	15	S N t 2
8 2	8	8			I	0	
	45	1			F	30	A t l f m l l d l t l n b t L t - 2 M
	1	1			I	5	B d g l t t t l l t p m t t p
	38	1		(4	I	5	l l t l t l w
	95			89	W	5	A l l t d t l d l l m b
10 8	8	05		71	W	10	
	5	6		49	W	30	C
	5	7		90	W	55	l l l t t t w d d m t l t h
	11			1)5	W	5	D t l d f m l l C t d t t l t f d
				4	W	1	t l
	38		5		W	10	B l l t t
	32	2	2		W	60	S l t h w d l t g l t l m
	32	2	28		W	0	S N t 3
	0		71		W	30	l p b g l t l l g l t y l l t h b
			71		W	3	A l d l l l t l y l n l b
D 10 GN	2	1	71		F	25	
	22	2	0		I	5	l d t t j
	20	1	54		I	30	
	0	1	515		I	15	
	18		41		F	1	
	17	1	25		I	20	
	15		215		I	35	
	15	05	185		E	35	C t d t t p
	5	4		5	I	15	
	5			10	E	90	D t l d f l m l
8 5	5	5		29	F	1	
	82	3		48	I	15	
	0			47	E	12	
10 9	9			88	E	12	
	5	1		74	W	15	
	4	2		53	W	20	D h l
	4	1		81	W	1	
	4			29	W	15	
	0	05		18	W	12	
8 23	15			10	W	20	C
	55	15	65		W	45	S N t 1
	45	9	85		W	6 & 60	S N t 2
	35		42		W	35	D t h d f m l b
	22	2	78		W	25	
	28	05	79		W	45	C

D t a b	I T	B	L t t d		L m b	H h t	B m k
			N t l	S t h			
1908							
F b y 11	GN	3	61		Γ	30	C A l l k
		4	28		Γ	5	
		1	2		Γ	2	
		1	215		L	25	
		7		85	L	0	i l g l C
		05		35	E	12	
		2		48	I	1	
		1		3	E	1	
		2		35	W	L	(
		4	1	32	W	15	
		(	13		W	20	
					W	3	C } S N t l
		10	7		W	30	A t l w f l m b Ch g g H h t
							b t l u l
		0	18		W	1 15	S N t 2
		05	72		W	1	Ch g b f n
						30	
D 12	SS	(	42		I	10	
		05	41		Γ	10	} v y f t
		05	35		Γ	10	B l h t d t t l L t
		(	68		I	5	C f t q l d y l l t p
		4	51		I	0	
			30		I	2	
		4	9		Γ	30	
				1	L	10	
		(5		24	E	2	
				3	L	0	Γ l l k t t p t m b h t
		7		385	L		l l l l l l l l
				J	L		t B d g l d t t p
		15		74	L	30	B d g t l t t l
				75	W	0	
				8(	W	0	
		05	13		W	30	S N t
		3	175		W	10	
		7	(5		W	10	} C t d t t p
		1	35		W	5	
			14		W	2	
			7		W	55	l h t l y l d t t l
D 13	GN	1	74		E	30	
			72		L	2	
			685		I	2	} C
		9		45	Γ	20	
		14		14	L	20	
		15		29	L	30	
		8		86	L	50	
		05		70	D	30	
		05		6	E	1	
		1		83	W	12	
				79	W	5	
		05		39	W	20	C
		05		285	W	20	
		1		27	W	20	S l h t l y l d t l d 30 l g h C
		1		2	W	5	l g h t l y b l t b l 3 l h C
			125		W	30	C D t l d f m l m b
		2	5		W	75	S N t
		1	12		W	2	
			18		W	65	
		2	54		W	65	} C I t O t d t t p
		15	73		W	2	C h t
D 14	SS	1	75		Γ	25	
		05	655		D	20	
		05	58		F	0	
		4	10		Γ	20	
		05		4	F	0	E t h l f f t
		1		28	D	35	S l t l l l g t l d t t p
		05		455	D	20	S N t l

Dt d l	H I S I	B	I t t d		I l	E g l t	F k
			N t t	t t			
908 F b y 14 S b	8 33	05		71	L	0	F i l l l l d t l F t D t l l i l b S N t M i g t t l S l b y t k l t l g l 50 l h S N t S N t A i k d i l l f i l S i h t l l l t t p O l l B l g t w l t t j A l f t l l t t b t l t h n d H y l A h l l S i g l w l U p l l f l l l f l w B g l t t d t t l M i l l O p m t l f m i t + 30 E t + 13 L I t S l t t l w d S l t s h w l A h l l M i l l F i C S i g t l y b l t t l t p l t t h t t t t l t n l l d p l l t t A f t t l l l l t l l f m l m b F l m t l M t O S N t 1 S N t 2 D l l B g l t
	33	0		81	L	30	
	30			8	I	30	
	25			8	W	0	
	26	1		73	W	10	
		1		8	W	10	
	10 3	3		8	W	20	
	0			31	W	10	
	0	2		28	W	0	
	1	1		215	W	10	
	11	1		45	W	10	
	11	1		15	W	10	
	3	8	10		W	10	
	)		185		W	10
	0	1	33		W	0	
	1	83		W	15		
D 17 C N	9	14	29		F	0	
	17	1	5		E	1	
	15	1		1	E	1	
	40	1		32	I	0	
	3)	0		16	I	1	
	15	3		73	I	1	
	31			79	L	4	
	30			83	W	20	
	9 52	2		10	W	10	
	1	3		9	W	30	
	4	1		b	W	20	
	8 31	1		10	W	10	
	) 15	8			W	10
			20 f		W	12	
	28	1	305		W	15	
5	3	415		W	0		
18		71		W	30		
16	1	785		W	0		
16	1	765		W	1		
D 18 S S	) 7	2	73		F	10
	8 53	4	18		E	0	
	3	4	11		F	50	
	3	05	97		I	0	
	16	4	1)		E	60	
	8	4		8	I	10	
	33	05		42	I	10	
	27			78	I	1	
	1			88	I	30	
	20	2		73	W	10	
	) 56			(2	W	30
				10	W	0	
	5	2		58	W	10	
	50	0		31	W	10	
	18	4		16	W	2	
1	7		(	W	3	
9	4	7		W	1		
3	05	7		W	70		
3		2		W	40		
18		71		W	50		
1		7)		W	30		
D 17 S S	11		80		W	50	
	9 40		785		I	20	
	8 24	9	915		I	00	
	59	15	15		I	30	
	1	4	8		I	30	
	1	195		I	15		
	05	0		E	10		

D	d b	H I S T	B	L t t l		L b	H g l	I m l
				N th	th			
1906								
F b	y l	S	8 49	2	78	E	4	C l k
	i l		47	05	76	E	0	
			47	05	9	E	30	
			45		88	D	25	S l g l t y b d t t l
			48	05	79	W	15	F t
			10 20	05	47 5	W	25	C p l l 2 b l t b d
			14	05	31	W	2	S t g t l w l
			0 58	0	26	W	30	l l l t l t 45 h g l C
			58		71	W	5	
			55	05	78	W	80	
					J	W	2J	
D 18	G N		8 50		7	T	5	
			4	05	51	L	12	
			42	14	8 5	E	90 95	110 l l C
			38	15		L	0	
			35	15	15	E	1	I t l f b l t
			30	1	29	I	3	
			20	05	82	D	4	
			0	0	88	E	1	
			9 2	15	60	W	0	
			0	15	84	W	15	C l l M i l f l t f l t
			8 8	15	20	W	20	
			58	15	28	W	0	S l t g t l w d } C t a t d
			58	15	2	W	80	
			55	2	47	W	20	A h l l
			52	05	71	W	0	S l g l t y b d t t l
D 19	S S		9 30		78	D	30	S N t l
			5		86	I	15	
			25		87	I	40	
			20	85	88	T	130	S V t 2
			20	05	10		70	
			10	05	12	I	30	S l t t t i B t t t l l g l t
			3	5		L	35	t k p l g l b w d f m t l t l
			1	05	28 5	I	2	T t l d d l l
			8 59	05	10	I	1	
			7	1	45	I	50	S l t t l w d
			54	1	49	F	0	
			49	1	75	T	15	
			47		79	F	30	l g l t y l l t t l
			5	0	82	F	1	B l t l m l l l
			44	1	80 5	W	10	
			42	2	78	W	30	
			40	0	88	W	2	B l t l d t l p
			30	1	81	W	10	
			10 7	05	89	W	30	
			2	05	2	W	3	S l g l t y l l C
			0	25	18	W	25	S h l l l l l g l t
			9 57			W	30	H k l k t t p
			56	0	2	W	10	S l t g t l w l
			55	15	10	W	1	
			52	3	29	W	50	T w t k l l t 5 l g p d 6
			52	1	32 5	W	35	l d t f t t p
			49	1	35 5	W	30	S l t g t w d d m t g l n t p m
			40	1	38 5	W	25	t t l
			47	1	42 5	W	20	
			43	05	46	W	25	l t g t h w d
			8 34		85	W	25	S l g l t y b d t t p
			34		87	W	15	C
			9 30	0	7	W	15	D b l
			36	15	78	W	40	
			33	2	76	W	60	N w t t b
D 20	G N		8 5	1	88	L	85	
			55	25	85 5	E	80	C p m 80 h g l d f w t w d s
			50	1	15	E	12	t t p

Dt lb	II ISI	B	L t b d		I mb	II It	R k
			N	S H			
1808 Y 20 GN	8 15		0	8	F	0	I d t b l
	40	C 4		14	I	0	B d t b l
	3	1		25	E	2	
	32			135	T	15	C l l
	32	0		48	T	30	q m l l l l l f l b
	8	1		0	I	12	S l t l y l C l d C
	9 12	1		405	W	30	30 h h l l
	10	1		168	W	25	
	8	1		19	W	18	A l l t s l y f l mb
	3	1		3	W	30	
D 21 GN	9 2	0	16		W	30 ±	
	22	1	38		I	20 ±	I l l y l l t j t l l t
	2	2	3		F	1	C l l
	0	8	0		T	30 ±	A l l l l t d t l mb by t h r
	12	05		5	I	1	l t b w l l t l
	12	1		28	I	16	
	10	05		4	W	1	
	98	1		25	W	12	S l t b l l
	31	1			W	5	F l l l w l d d b g l mb g t
	30	3		11	W	30	L t b + l s W d + l s W
D 22 SB	2 9		0		W	10 ±	I t B l l l l
	18	1	6		F	80	V y f t) l h l f m l m l
	11	1	18		F	8	
	4	2	8		I	30	L w h k b g h
	2	1		32	I	20	
	7	1		35	I	0	S l t
	7	1		40	I	50	F l l l w l d d b g l mb g t
	1	1		52	I	80	L t b + l s W d + l s W
	1	1		6	I	80 ±	
	10	1		18	I	15	O
D 23 GN	7 6	1	1		F	55	S l s l d y l l t l m l l l
	11	0	3		W	0	C l k
	4	2		17	W	20	S N t 2
	2	1		35	W	20	l b l l C l y l d l t b l s
	0	3		38	W	30	A l l l
	54	1		2	W	5	S N t 3
	6	0		05	W	5	T t
	3	3			W	25	S N t 1
	43	15			W	55	D b l B l t t y
	40	1			W	60	W t l f t h t t l t h
D 24 SB	13	1	4		W	60	B l t h w d t t p
	6	1		31	E	25	C l l
	1	2		36	E	25	C l l
	16	1		58	W	30 ±	O l l
	1	15		0	W	0	S N t
	9 3	2		4	W	90	S l l l
	1	05		90	F	100	S N t
	3	05		71	F	10	
	57	05		72	F	20	
	56	1		17	E	0	C s m l l d t h d f l mb
D 25 GN	52	6	25		E	5	V y f t d t l l f m l mb
	15	05	18		P	0	M t l l

D t d b	M I S T	B	L t t f		T b	H gl	m k
			N tl	S tl			
1906							
M rob 2	SS	9 1(	2	73		20	
		15	1	30	I	45	A l t g
		8	2	2	E	15	W t g t l
		1	5		I	20	
		0	1		F	30	D ll
		6 5	3		T	45	A f l t l l f l l
		51			W	50	
		51			W	1	S l t g t t d f L t - 15 W
		0 8b	1		W	(0	A l d l t t l l t h d i m l m b d
					W	2	l l l t t
		36			W	20	D ll
		35	05		W	0	T l l b d l O
		31	5		W	5	
		31	15	7	W	35	S N t
		30	3	345	W	50	E l f t l l t t t t t t t
		2t	3	10	W	5	I l l t l f l l l t t t h w l
		21	1	0	W	30	(l l l l y j l l t t l d t h l
		21		71	W	3	
		11	05	83	W	12	C l l l l l l l l l l l
D 3	GN	8 7		735	L	10	B l t d t
		(	15	155	L	35	(0 h g l C
		54	5	6	I	40 & 80	l t
		50	75		W	20	I t
		J 27	1		W	0	B g l t
		2	1		W	30	S l l A l p p l I w
		5	6		W	J w	t l l t t t t t t t t t t t
		2			W	30	C S n l l d t l l f l l b
		81		05	W	1	S t l l y t k (
		21	15	3	W	30	C D t l l l l l l
		31		7	W	10	C l l l l t t l l t t l l
		34		21	W	90	B t t 110 l l l l l O
		10	8	84	W	3	
		0	2	77	W	0	
		0	3	72	W	1	
		0	1	79	W	0	
D 4	GN	9 20		9	I	0	I l l t t t t
		1	1	73	I	90	I t f l n t l
		13	1	18	I	12	
		12	1		I	30	B g l t
		11	2	1t	T	80	D t l l l l l l l l l l l w
		8	4	3	T	1	t l d i m t l t p C
		7			I	80	S V t l
			05		F	30	
			1		E	35	A l l l l d l l l l f m l l
		3			I	J	
		0			T	1	
		41	1		W	0	T p m t l b t I t - 7 W
		41	1		W	30	B g h t t C t l l l l t p m
		40	4		W	60	S N t
		8	4	1	W	20	B d t t p { O t d t l l V y f t
		30	2	29	W	(	l d t l d t l d f m t l g
		30	1	18	W	90	I t p C
		25		0	W	12	
		22	1	726	W	45	
		22	1	7 5	W	25	
D 5	SS	9 23	2	81	B	20	D ll
		21	5	745	D	40	
		1	15	61	B	10	

Dt nd b	H IST	B	L t d		L b	H l	R l	
			N tl	S tl				
1906								
M h 5 88	1 10	2	32		E	3	} C t d t r M t l l	
- 22	5	1	27		L	8		
	6 58		20	6	L	50		
	7	1		10	I	20		
	55	18		13	I	30		
	4				D	0		
	52	1	25		L	30		
	2	05	8		I	0		
	50	15	34		I	0		
	18		19		T	30		
	15	0	58		D	0		
	4		82		T	0		
10 0	0		40		W	10		
9 56	9		33		W	0		
	53		6		W	100		
	48	1	2		W	25		
	47		65		W	2		
	44		1		W	2		
	4				W	50		
	40		13		W			
	8	1	65		W	30		
	85	0	82		W	11		
	91	1	355		W	5		
	27	05	68		W	60		
	7	1	7		W	10		
D 6 GN	8 5	05	81		I	30	} C t d t t l	
	4	65	79		I	80		
	10	5	3		I	45		
	30		19		I	1		
	34	1	1		L	12		
	33	1		1	L	30		
	38			20	I	20		
	32			4	T	15		
	31			88	L	15		
	30	1	75		W	20		
	29	2	18		W	30		
	32	1	135		W	15		
	31		6		W	20		
	30		15		W	10		
	5		1		W	12		
	5		18		W	1		
	20	2	31		W	10		
	8 57	1	4		W	25		
D 7 88	J 8	8	7		F	60		} C t l t t l V y t
	6		71		I	20		
	1		46		T	15		
	1	2	38		I	15		
	5	1	2		I	0		
	55	1	21		F	80		
	5		15		F	0		
	49	1	12		I	30		
	17	1		11	J	1		
	47	1		14	F	1		
	45			18	I	3		
	44	0			I	2		
	42			30	I	10		
	42			2	T	10		
	4			315	I	10		
	4			30	T	10		
	38			78	D	0		
	3			7	W	20		
	35	15		73	W	10		
	33			70	W	1		
	34	8		48	W	50		
	31	15		27	W	5		
	8	15		17	W	100		

Dt	lb	II IST	8	L t t d		l b	II ht	R k
				V th	S tl			
1906								
Mar h 7	89	9 2)	3		13	W	10	
- 12		7	05		1	W	5	I t
		25	0			W	1	D bl
		29	4			W		
		21		215		W	20	
		20		37		W	20	
		20	05	39		W	20	
		0		10		W	1	
		17	6	17		W		
		11	1	68		W	70 ±	I t l t g t l
		14	1	0		W	60 ±	D
D 8	GN	) )	3	6		F	1	I l t l
		7	05	57		I	15	
		0	1	40		E	50	
		0	1	3		I	0 ±	A hll } O t d O
		50	1	21		J	90	
		40	25	145		I	90	A hll
		40		10		E	0	
		80	7		3	E	0	
		H	0		705	F	2	V yf t
		1	1		7	W	20	
		25	0		70	W	10	
		2	0		67	W	10	
		9 30	5		475	W	0	ll t d t t l
		2	1		25	W	45	B l t } C t d O
		2	05		17	W	2 ±	S t d b y t l t 10 l g O
		2	2	6		W	20 ±	t k 7 l g fl thw d f m t t p
		0	15	15		W	80	
		20	25	105		W	80	
		15	7	31		W	25 ±	
		0		445		W	8	
				71		W	1	
D 9	89	9 10	15	78		E	10	4 l l d 50 h g l C
		8	1	01		I	2	
		0	1	4		I	2	Sl g l l y b l t t l
		8 7	25	38		E	100	l l
				28		I	60	C t d t t h l t l m } Sl p d f t
		53	8	20		I	80	l m b t L t + L L t } n O
		44	1	515		I	80	L m b m t t d f L t - 4 l t - 58 L
		40	2	78		W	20	
		99	05	72		W	0	
		37		60		W	0	
		9 31	2	0		W	5	C l
		27	4	20		W	10	B t l r h t n O
		25	3			W	80	C t l t t l t p m t t t l C
		28	0	12		W	1	R p b d d t d t t l t t l t
		8	5	175		W	35	l m
		20	1	24		W	20	
		18	25	27		W	25	
		15	1	15		W	5	
D 10	88	9 12		74		F	25	
		10	35	45		E	40	
		8	15	40		L	180 ±	S t l
		3	1	245		F	2	
		1	2	22		I	80	C l 90 h g h O
		0	1		1	F	80	I t
		8 58	1		12	E	10	
		56	15	49		E	25	
		55	1	65		E	25	
		54	1	69		E	10	
		52	1	785		W	20	D bl
		51	2	74		W	80	
		50	1	6		W	10	
		9 27	4	51		W	60	
		28	3	205		W	45	

D t d b	H LST	B	L t t d		Lmb	H glt	R k	
			N th	S th				
1908								
M h 10 — 22	SS	9 1	15		7	W	30	F l t lmb g t Lt — W
		20	15	16		W	15	
		18	0	8		W	30	S N t
		17		41		W	30	
		16	1	46		W	5	B d w tw l ttp
		1		1		W	20	
		18		4		W	0	
D 11	GN	8 8		77		E	1	
		97		81		E	15	O
				49		F	20	
		9 0		11		L	5	
		8 37	05	6		T	1	
		37	1			T	30	C
		50	15		15	E	30	
		55	1		8	D	30	q l t g t l l } C t d O
		37	1		19	T	30	C
		52	1		49	T	15	
		16			77	W	35	D t h l f l m l
		46			7	W	35	D
		15	05		78	W	12	
			1		60	W	30	
		9 15	5		58 5	W	50	
		12	4	14		W	30	
		10	7	25		W	30	
			0	10		W	15	
			1	1		W		
			0	13		W	2	} M t t t t l
8 37	0	73		W	35	O F b d l thw l ttp		
9 4	25	81		W	20			
D 1	SS	9 12	0	8		F	20	
		10	05	71		I	0	
		8	15	65		E	0	F t D i l d i m l b
		6		5)		T	2	B ght
			15	35		I	5	
		8 3	1	30		T		S l g l l y b d t t l S l t l thw d
		8 8	1		0	J	20	B d th l
		51	5		5	L	7	
		1	25		14	T	0	M t l N i l M g l b ght F p
								m t lmb g t Lt 19 D
		48			3	I	0	
		41			16	F	1	
		40			76	L	0	
		38	2		61	T	2	
		36	0		7)	W	0	
		30			74	W		
		9 39	1		56	W	0	Upp i t y f t d l t g w t w d
		97	1		58	W	80	
		9 3	05		18	W	0	B g h
		32			8	W	30	
81	1		1)	W	25	D l l		
29	05	15		W	15	D		
25	1	18		W	2			
2	b	21		W	60	} I g } O t l t th		
5	3	6		W	60			
25	4	3		W	35			
17	1	46		W	0			
17	1	59		W	1			
16	1	6		W	20			
14	1	78		W	0			
		81		W	30	D t l d f l m l		
D 13	GN	9 18		6		E	0	
		18	05	74		L	20	
		17	0	66		D	12	
		16		42 5		L	15	
		1	1	34		E	30	
		8	1	23		E	1	
		6	2	18		L	25	S l t t w l d t
								th t l } O h g g
		6	2	15		F	60	

Dt nd b	H ISI	B	I t t i		Lmb	H lt	I m l
			N th	S bl			
1906 M h 13 SS	9 1 0 8 45 10 10 10	2 2 25 1 1 0 05 1 1 30 30 8 8 1 2 1 1 3 20 0	5 1 10 21 24 4 5 19 1 04 (7 7 57 35 1 (1 33 475 79 7	1 10 21 24 4 5 19 1 04 (7 7 57 35 1 (1 33 475 79 7	I L E P D F I I I I W W W W W W W W W W	0 1 30 15 10 35 20 12 12 0 0 15 5 12 0 0 10	S N t 1 S N t 2 r t D N w t t 1
D 14 SS	0 10 1 0 4 58 1 59 1 0 48 16 4 11 38 8 1 9 39 31 7 4 21 18 16	1 1 1 5 1 2 1 1 1 1 1 1 1 05 15 1 5 1 1 1 1 6 0	4 34 4 18 14 1 1 1 1 1 1 1 1 0 4 34 1 68 71	(9 9 28 31 84 18 0 (7 78 6 815 17	I I I I I E T L T W W W W W W W W W W W W W	4 2 60 85 30 35 10 8 15 15 10 20 70 7 5 2 1 5 18 10 10 70	D t l d f m l l l y l t 10 D t l d l m l l N w t t p S v t D l l l l l l l l p l t l l t g t w d E l t g t w l h t h I t d t l d i m l b C l k S l g t l y l d t t p C l l l p t l m l l t L t - l l W C S t d b y t l l t l l g n d p l l l t l b D h l N t t 1
D 1 GN	30 10 5 9 0 9 50 55	1 15 3 1 1 2	8 80 1 5 15 1	85 78 83 80 57 52 15 16 115 (1 5 15 8 05 86 75	I I I I L T W	15 12 12 0 0 0 5 4 5 5 4 15 15 20 40 60 15 95	D h l I t l y l h t h t t F p t S N t 1 F l m t l l t t t w d B g h t t n F t t t t l l t l m C l l t l y b l t B g l t t 70 l h C A h k S N t 2 B g l t t C l l m l m t l
D 16 SS	9 11 6 1	1 1 2	8 74 37		I T E	2 30 30	F l l t t p A h b t t b d t l l t d t t d f m l m b A l d l t t h d f m l b

D t a b	H I S I	B	L t t d		L m b	H h t	R m l	
			N t h	S t h				
1906 M h 16	SS	5 58 56	1		8 9	E L	20 35	M t l l B l t d n d t t h t l m
		54 0 40 48 41	0 1		16 52 56 59 5	F L L E I	40 10 15 25	t p q t g l l t t l d d t l d f m l b
		49 40 35 9 48 43	1 3 1 6 1		53 81 0 55 21	— W W W W	35 2 10 4 25	S l d
		42 40 34 34 38 25 23 1 13	0 5 2 1 1 2 5 6 0 5 5 0		20 10 8 6 2 22 31 76 8	W W W W W W W W	1 35 3 20 6 2 1 70 25	S l i t l y b l t t l B g l t B g h t l d t t l B g h t S N S l t l w l
D 18	GN	10 5 3	2 5 1 1	32 11 5 7		I I I	75 20 20	U p l g i t l y l l O t h l l y l B l t l n l g l w d C l k
		0 12 11 11 13 1 8 5	1 1 0 5 1 1 0 1		24 81 79 6 36 1 14 5 32 5 31	I I W W W W W W	30 45 12 12 15 60 60	D I t U p l g i t l y l l O t h l l y l B l t l n l g l w d C l k B d t t l } C l d t t l S N
D 19	SS	9 11	2 (	57 92		I I	10 100 & 45	O p m w l l o h g h d d n t l p f t l t l l y d g
		8 5 53 41 4 44 45 46 46 9 40 43 41 40 38	3 5 0 0 0 1 0 2 2 0 1		7 98 14 80 82 79 9 6 C 1 90 2 11	L I I E — W W W W W W W	55 80 80 15 3 55 30 20 25 90 25 90 10 25	O l l 65 h g h C l h l t n t l I t I t l h t l y d t t l S l g l t l y b l t t l A l t f t t m l w w l w d l t l t r T p b l d w d l y m t l b L t
		34 3 31 29 7 24 22	4 1 3 2 1 3 1	3 6 8 81 85 6 60		W W W W W W W	85 15 20 35 30 20 35	S N t D b l S l g h t l y b d t t l N w p t l A h t l t k f w t h w d l t h m d d l f t
D 20	GN	8 50	1	37 5		I	20	45 h g l O } O t l t t p O
		50 50 50 49 48 47	1 1 1 1 3 1 0 5	34 5 38 23 18 10 10 5 27 5 86		E E E E E E E E P	20 20 20 80 80 15 15 60 15	S N t A l d l t t d t l m b b y l l t k A t k f w h w d f m t l m d l f t

D t d b	II IST	B	I t l		L b	II l t	R m l
			N th	S th			
1906							
M 1 0 GN	8 45 43 12	05		4 73 7)	I F I W W W W W W W	30 10 10 1 30 30 1 15 30 15 30	A l t 1 l t h l f m l m b D b l C l l B l + l B l t l t h l f l l D b l
D 21 SS	) 7	2		46 11 5 22	W W W W W W	30 30 1 15 30	
	) 7	2	1	57	W	15	B l t l t h l f l l
	) 7	2	1	73	W	30	D b l
	) 37	2	1	14	I	1	Py l l l
	) 33	2	1	32	L	10	B l t l t l V y l g 210 h g h d i t b l w d O
	) 6	1	1	9	I	1	9 N t l
	) 1	1	1	0	I	10	
	) 3	1	1		I	1	
	) 1	1	1		I	20	
	) 7	2	1	8	I	3	
	) 5	0	1	19	I	30	S l t t l
	) 0	1	1	73	E	15	
	) 48	1	1	60	W	0	
	) 14	1	1	1	W	25	I l y l l l l l l b
	) 5	2	1	7	W	1	I t
) 54	0	2	1	W	1		
) 1	05	1	07	W	20		
) 41	2	1	8	W	10	I t l	
) 11	2	1	65	W	25	C l l S N t	
D 22 (N	) 2	1	1	7	F	1	O (l l
	) 2	05	1	15	F	1	
	) 2	05	1	33 5	F	2	S t d l y t t k b t 2 l g
	) 1	1	1	30	F	1	
	) 2	1	1	28	F	0	(A l l i w f l m l
	) 0	1	1	37	I	40	
	) 17	1	1	11	F	1	
	) 16	3	1	7	I	20	
	) 10	15	1	4	I	1	
	) 15	3	1	18	I	1	
	) 11	05	1	17	I	20	
	) 11	5	1	81 5	W	10	
	) 40	1	1	77	W	30	
	) 38	1	1	17	W	47	B l l l l l
	) 31	1	1	38	W	30	
) 30	1	1	32	W	3		
) 30	1	1	3 5	W	17		
) 20	2	1	11	W	30		
D 23 SS	J 9	1	1	72	I	15	I t
	) 30	05	1	70	I	10	D A d l l d f l b
	) 28	8	1	105	F	20	
	) 27	15	1	13	F	30	I t l t t p
	) 8	1	1	37	I	0	
	) 20	1	1	7	I	70	C l d t t p M t l
	) 20	1	1	20	F	70	
	) 16	4	1	15	I	20	D b l
	) 15	15	1	13	I	10	
	) 11	7	1	13 5	I	30	(S l i g h t l y l d t t l
	) 1	05	1	86	I	30	
	) 9	1	1	3	I	20	
	) 6	25	1	17	F	15	H l l l t t p
	) 4	05	1	83	L	45	
	) 8	05	1	83	I	1	
) 1	05	1	83	W	70	S N t l	
) 1	1	1	82	W	0		
) 8 57	15	1	79	W	40	S l t g t w d	
) 57	1	1	78 5	W	50	A i t d t k w y f m l m b	
) 56		1	74	W	2	B t B d g w t w d t t p	
) 55		1	71	W	80		

Dt	dl	H I	B	I t t d		Lmb	H l	R m k
				N l	S l			
1900								
M	h 7	65	1 19	15	1 10	Γ Γ Γ D L D L L W W W W W W	60 90 0 80 2 10 80 80 0 45 0 30 60 50 0 90 40 1	F t Al t l b l b t d t t h d f m l m b D bl F t V y f t W t S l d t l D t h d f m l m b t l t t h w d F k l l B l t b S l t D t w d F t h t
D	8	GN	6 10 40 30 3 3 0	3 1 1 C 5 6 4 1 2	3 19 12 3 17 12	L I E I I W W W W W	0 20 35 0 30 120 0 20 20	B g l t t C U i p h i f I t l y l g h t A l l l S l d t l S N t
D	29	SS	9 17 7 58 8 2 13 12 8 28	1 5 1 1 1 1 1	() 3 (5 1 3) C	I I E E W W W W W	1 20 30 0 35 30 0 0	C l A l t t l m t O S l g t h w d l t t w d S l t g t w d S \ t
D	30	GV	10 1 1 10 5 0 28 2 3 14 1 1	1 1 0 0 05 1 1 0 0 05 08	1 31 (1 8 11 18 32 46 7	L F E I W W W W W W	12 3 12 1 0 1 1 8 2 1 15	F l w t l t t p F l w d t p
D	31	SS	0 7 5 1 14 1 3 1 30 25 27 2 16 18 1	05 1 15 0 0 05 08 1 1 1 1 1 1	1 8 40 9) 1 1 54 74 66 615 28 14 10 8 11 115 19	I I I I I L W W W W W W W	10 0 5 10 1 10 25 10 0 25 30 2 30 1	F t d l d f m l m b S l t t w d Γ t S N t l D bl S l h t y b l t t p F t M t t h t p t t p S \ t

Dt l b	II ISI	B	L t t l		mb	II lt	R m k
			N th	S tl			
1906							
M h 31 — 22	S	9 12 1	1 1 1	28 30 705	W W W	0 0 5 ±	} C t l t l F C F t
Ap 11	GN	8 40 39 30 39 37 3 34 34 30 31 30 2 2 5 2 51 1 46	1 4 1 2 1 1 1 1 1 5 1 1 4	30 32 30 6 17 7 1 24 25 78 0 (45 8 5 1 2 18 27 39	I D D E E L I L E D W W W W W W W W W	5 30 1 1 12 15 1 1 1 0 0 70 45 30 1 1 50 35 ±	} C t d t b A l l l l l t l r t l l l y d d C B l t l l C t d t l l t l m O Slightly b l t l
D 2	SS	9 8 25 1 15 18 10 6 2 8 1 4 0 6 5 1 53 0 48 48 47 16 4 4 88 32	1 05 4 1 1 1 1 0 0 4 1 05 1 05 3 10 8	785 7 71 42 3 18 14 0 0 71 40 3 91 255 11 9 8 11 14 17 1 3 3 895	I F U I L F F I F W W W W V W W W W W W W W	1 60 0 1 35 10 50 20 20 50 ± 1 0 30 20 20 30 ± 20 10 20 0 70 ±	A l t f t l l t l l f l b l l l l t C l l l l (0 \ l) l t w y M t l l M t l l b t Slightly l d g t w l D b l l w l d t l t t t p A l l l C
D 3		9 7 7	1 05	185	I V	35 20 ±	} C S n t
D 4	SS	9 2 22 22 2 17 18 11 10 0 8 58 50 48 4 40	0 05 05 3 3 25 05 15 15	83 82 79 7 58 46 405 24 19 12 9 1 21 85 62 74	E E F D L E D F D F E F L F E E	40 ± 60 ± 60 ± 60 ± 50 ± 25 2 10 70 80 5 10 75 ± 20 20 25 40	} v y f t D Slightly l d t t p v y f t A i t M t t h t p m t t p A b t 7 b d t t p T l k S l t g t d D b l f t f g m t y D b l A b t 2 b d b u d t h d f l m b

D t d l	II IS l	B	t l		I b	II l t	R l
			N t l	S t l			
190							
Ap 1 4	SS	10 10		61	W	10	D bl
id		8		51	W	0	
		9 46	1	19	W	2	F t
		1	15	89	W	0	
		48	1	91	W	25	B d t t p
		1	1	5	W		
		14		24	W	5	D t h d i l m b t g t h t p m
							t l
		42	5	11	W	10	
		10		1	W	0	
		30	0		W	30	
		37	5	17	W	0	
		3	1	34	W	2	
		1	25	40	W	0	
		30	05	7	W	35	B d d t t l
		8	0	7	W	0	Alm t l t l l f l b
		7	1	78	W	20	D bl
		25	05	805	W	0	
			05	8	W	5	V y f t
D 6	SS	0 0	1	37	I	60	I t l t t d d
		8 78	15	21	I	40	B l t l t g t w d
		48			D	0	S l g t l w l
		18	1	71	I	0	V y f t
		10		75	W	20	D l l
		39	15	72	W	90	y f t f l l l
		9 31		23	W	0	t h d f m l m b
							M t l I
		91	0	17	W	10	A l t b n
		1	0	11	W	10	D
		30		21	W	0	
		9	15	7	W	0	
		7	05	37	W	0	
		18	0	1	W	20	I t l t t t l w d
		11	05	71	W	20	S N t
D 7	GN	8 20	1	50	I	10	O
		38	1	39	I	3	
		8	15		F	60	
		3	1	1	I	80	
		15	5	18	W	0	
		44		25	W	0	
		43	1	31	W	1	
		10	1	365	W	80	
		40	1	985	W	40	
D 8	SS	9 22		81	I	10	A y f l d t l l f m l m b
		16	05	50	I	1	
		11	05	47	I	30	I t
		10		10	I	10	
		2	2		T	40	
		0	25		T	0	O l l
		8 7	15	8	L	3	
		57	2	1	T	20	
		55	05	0	I	20	D bl
		53	1	30	F	10	V y f t
		44		77	W	3	B l t t p
		10		71	W	50	(l l
		9 45	1	09	W	0	
		48	0	51	W	20	
		10		185	W	30	
		38		9	W	20	
		36	2	8	W	2	O t d t t l t l m b y t k t
							t I
		36	55	15	W	40	
		35	2	215	W	8	
		30	5	235	W	60	I p f b t t t h w t
D 9	GN	8 57		84	I	30	
		56		82	B	50	I t l l f m l m b l d t l
		58		80	B	45	

Dt d b	H I S r	B	L t t l		I b	H bt	R k
			N l	S th			
1906							
Ap 1 9	GN		57		Γ	0	
		15	51		E	00	
			45 5		Γ	60	
				7	I	20	
		1		89 5	L	70	B d t t p
				15 5	E	15	
		1		61 5	D	15	
				65	Γ		
		1		75 5	W	95	
		0		67	W	0	
				52	W		D bl
				44	W	20	
		65	28		W	50	\ y f t O
		1	34 5		W	30	S l h t l y b d t t p
		05	15		W	12	
		1	78		W	20	D bl
D 10	SS		98		E	80	F t d t l l f m l m l
		15	81		F	30	
		2	61		F	20	D l l
			58		Γ	15	
		0	56		F	2	
		1	5		I	150	N t 1
			6		I	70	S \
		0		14	L	50	S N t 8
		0		16	D	5	
		1		24	Γ	90	T l m t l m b g t L t 27 E
		1		32	Γ	120	S N t 4
				35	Γ	1	D t l l f m l m l l t g t h w d
		1		2	Γ	20	
		2		6	F	20	D bl
				78	Γ	15	I k l k
				75 5	W	2	D t h d f l m b
		1		55	W	55	S N t 5
		05		50	W	3	
		15	3		W	4	B l t t p
		15	10		W	15	S N t 6
		1	13		W	20	
		8	22		W	0	
		2	31		W	4	
		1	88 5		W		
			48		W	15	A l t t k l t h d f m l m l d p a r l l t t
			69		W	20	
D 11	SS		81		Γ	3	
		1	8		I	45	Γ t
		15	68		Γ	15	
			71 5		D	20	
		05	6		I	70	S N t 1
			16		I	10	S N t
		05	10		Γ	0	
		9		7	D	30	M t
		05	8		D	80	T p l l j d w t w d l t 3
				29	Γ	2	E t 3
		1		33 5	F	70	
				3	E	1	C
				50	F	50	S N t 4
				54	E	80	D t h d f n l m b
		2		67 5	E	1	
		1		82	E	15	B g h t
		0		80	E	35	
		2		78	W	60	
				74	W	60	B d t t p
				54	W	20	F t V y f t O
		85		9	W	50	
		15		11	W	15	S N t 5
				8	W	15	T p b t t w d h t l + 10 12
		1			W	20	
		2			W	8	q N t 6

Dt nd b	H I l	B	L t d		I nb	H lt	R l
			N h	S tl			
1906							
Ap 1 11	SS	9 6		33	W	30	
- 12		1		3	W	0	F t
		18	3	5	W	30	F t C
				75	W	50 ±	
D 1	GN	8 1	(	83	T	8	A lk f t
		40	1	505	T	0	T t
		37	1	33	D	0	R glt
		37	1		L	20	
		31	15	5	D	0	Sl t slw l l l d db ght
		11		10	T	2	
		30			D	0	
		7	0	19	D	50	S N t l
		(	1	82	T	15	
		5	0	78	T	15	
		0	1	8	W	15	T l m t l
		1	0	75	W	45	
		1	0	(25	W	1	
		0		515	W	60	N w t t l
		8	1	J	W	0	M t t t p
		5	1	6	W	0	F t
				2	W	30 ±	S N t
				9	W	30 ±	
				12	W	1	
		40		(	W	30 ±	C Ab t l b d pt b
		28		21	W	0	
		4	3	705	W	0	S l g h t b l t l
		1			W	0	
D 13	GN	8 29	0	25	I	0	
		1	1	13	J	12	N th l g h t l y t l l C
		2	1		W	3	T t fl m t l
		20	7	91	W	45	S l l t t l
		1		505	W	60	N w t t p
		12		3	W	90 ±	S N t l
				4	W	90 ±	S N t
		31	1	106	W	60	
		36		18	W	1	
		38	1	205	W	1	I t l y b h t
		38	1	22	W	1	
		3	1	20	W	15	
		24	2	37	W	35	
		8	05	19	W	15	
		30		70	W	0 ±	T t
		30	05	77	W	30 ±	S t l g h t l y b l t t l
D 14	SS	6 5	05	8	T	60	
		5	2	79	F	25	D bl
		17	1	30	E	15	
		47	05	25	L	15	
		46	2	5	E	10	
		4	4	1	J	0	L t d f t l t l m l g L t t + 10 5
							E
		40		18	E	0	
		40	1	12	E	1	T l t w t m l t p m n 30
		10	05	11	D	2	J l g l d l t g t w d C
		87		1	E	5	
		6	8	45	E	15	
		34	1	11	F	40	T l l
		8	1	72	L	100	Sl t t t h w d
		20		79	E	15	
		5	1	81	I	25	
		28	15	83	E	45	
		20		82	W	50	
		19	05	80	W	40	
		18	05	7	W	45	T l l
		18	05	765	W	10	
		16		75	W	55	
		14	1	59	W	2	
		18		58	W	35	
		10	15	55	W	140	Sl t w t w d b t l l t t w d

Dt db	H IST	B	L t t l		Lmb	H ht	K m l
			N th	S th			
1906							
Ap 1 14 — t2	85	0 5		8	W	0	Sl t thw d Sl ltl b d pt
		3	9		W	30±	Sl t g tlw l
		22	6		W	10	
		0	14		W	0	
		19	24 5		W	5	b N t
		17	34		W	70	
		14	41		W	20	B g t t t p
			7		W	30	T p b d l t th t l
			80		W	70	T l l
		5	84		W	35	
D 15	GN	8 46	35 78		E	20	Γ t h l f f m 3 f l g h C
			05 8		H	1	D bl
		1	38 5		E	L w	80 hgl C
		46	30 5		E	30	N tl d t t m t f t
		48	7		E	12	
		48	2		D	15	
		41	10		F	50	
		40		17 5	E	1	
		39		27 5	E	0	
		39		31	E	20	
		36		65	E	20	
		36		81 5	E	50	
		36		8 5	D	15	
		35		88	W	40	
		35		82	W	5	
		3		7	W	40	Γ k l k t t l
		30		59	W	8	
		30		50	W	60±	D t h d f l m l
				7	W	2	} F w t
				6	W	35±	
		35	38		W	60±	S N t
		55	37		W	50±	T i m t th l t l m n
D 16	GN	8 28	15 72		Γ	35	^ t t l
		2	58		D	12	
		22	5		E	12	
		20	3		I	55	S N t l
		20	28 5		Γ	55	I t l l f l t
		14	20		I	20	M t h l t l t t l
		14	13 5		L	20±	
		10		3	Γ	15	C p m 2 l d
		6		11 5	F	1	
		6		18 5	D	20	
		5		27	L	60±	A t t t k l d t l w d f m th
			35		D	50	l i l
		0	44		E	3	A f t g l h
		0	47		E	12	
		7 58	35 77		W	60±	l l i l y t l th l m b t t w
		56		86	W	30	p t
				43 5	W	20	
		8 32		37	W	35	Γ t
		32		35	W	60±	F t D t l d f m l m b
		31		8	W	80	b t f l m t l
		30			W	00±	S N t 2
		27	8		W	25	
		25	43 5		W	20	
		24	75		W	80	Sl d t l
		24	88		W	35	
D 17	SS	9 80	4 71		E	75	D bl E t h l f n t
		8	59		F	10	
		24	41 5		E	40	
		21	38		E	3	A l l k } O t d b y f n t l d b t p
		16	24		E	15	O t d b y t k t th n t p m

Dt	lOb	H ISl	B	L t t d		L b	H l t	R b
				N t l	S t l			
1906								
Ap 1	17	89	9	16	1	19	15	S N t
	17			10	1	17	4	
	18			10	1	155	30	
	19			11			15	
	20						5	p f w thw d 3
	21		2			1d	20	B d th l ttp
	22					0	70	
	23					20	70	B d t t l } C t d t t p
	24					55	70	
	25		1			30	70	D t h d f lmb
	26					84	70	S N t
	27					39	80	S t d l y l t f t t k
	28		0.5			18	30	
	29					11	1	
	30					515	20	
	31		1			b	1	
	1					71	10	D bl
	2		3			7	15	
	3		5			41	15	Th tw f m l gl m 25 hgh
	4					32	15	S l d t l
	5					31	0	B l t t p 110 l l (F t b th
	6					11	70±	l y l g d C
	7					9	30	T l
	8		1			1	0	D bl N t t
	9					30	0	F t l t l w l
	10					43	10	S l t g w t w d
	11		4			77	30±	
	12		1			90	10	
	13						8	
	14					715	0	
	15		1			() 5	0	
	16					41	60±	
	17		2			41	30	F l t l l y t k C
	18					30	30	
	19					10	0	C C l k f t
	20					9	20	S l d t l l t l l l lmb
	21		1			8	1	100 l h C
	22		4.5			11	0	S l l t l y l l t t l
	23					28	15	
	24					4	0	(l l f l m t l
	25					47	20±	D l l
	26		0			47	30	
	27					1	1	I l
	28					885	45	C l l
	29					80	40	
	30		1			()	30	
	31		1			385	1	
	1					21	45	
	2					0	40	
	3		2			12	4	
	4					85	30	
	5		1.5			3	5	
	6					18	4	
	7		1.5			815	5	F l t l
	8		4				4	
	9						50	
	10					76	80	B d t t r T l t
	11		0			70	60	lmb g t r t r + b } C t d t t p n C
	12		1					171 D
	13						15	
	14		0			69	10	
	15					5	15	
	16		1			185	20	
	17					38	25	
	18		(5			845	5	B ght t
	19		0.5			185	0	
	20					5	10	C m n y l l t l p y
	21		5				0	t b nd 05 hgl
	22		2			5		
	23		2				11	
	24		0.5					

D t m d b	H I S T	E	L t l		L m b	H h t	R l	
			N t l	S t l				
1906								
Ap 1 19 - 22	S S	8 40			13	E	35	
		46	15		18	E	10	
		3			43	J	0	S l t t l w d } C t l t t p f t d F t } 100 h l n O
		3			47	L	80	
		32	15		66	E	80	
		30	05		705	E	0	
		20	05			E	15	
		5	8		8	W	10	r t Upp llw l t d t l l f l t l O
) 5	08		(1	W	1	
		5			5	W	15	
		J			3)	W	40	
		2	15		355	W	30	D bl
		1	05		32	W	1	
		18	15		21	W	30	} l p t l l y f t l n l t l
		15	1		18	W	0	
13	0		2	W	50			
1	15			W				
10	15		9	W	8	T l l t h l f l w p t		
7	0		05	W	0	(l a g p d l y		
			0	W	0	B d t w d l t p		
1	8		8	W	80	S l t g w t l		
D 20	G N	9 1	0	76	r	1		
		15	4	71	F	80		
		1	1	66	E	20	r p t l b g t L t + 64 5 l	
			4	2	F	0	A h l l w i l l w p m d t h	
		5		1h	r	66	10 l h O	
		2	0		L	1		
		2			E	1		
		0	0		F	3		
		0	8		71	r	35	D l l
		8 58			675	W	1	
		5t			6t 5	W	15	
		4	1		60	W	7	
		9 2			5	W	0	
		2t	1		40	W	30	D bl
		5	7		28	W	1	C t
22	1		2	W	75	100 l g l C		
20	4	14		W	5			
2t	0	18		W	1			
D 21	S S	8 57	1	J	E	44	C l g h O 2 l l t l r t } C t d C	
		5t	1	67	r	20		
		54		44 5	F	20		
		51	1	9	F	30		
		49		19	I	7		
		47		1C	I	7		
		14		9	I	1		
		48	05		E	1		
		39	0		l	30	S l t g t l d	
		37	2		66	F	2	
		8	15		1	r	40	
		26	1		58	W	20	D bl
		41	1		435	W	80	C C l l
		41	2		30	W	30	C S l t g t h w l
		41			9		120	S N t l
41	25		5	W	1	C		
41	15		15	W	120	C		
9 25	1	31		W	3	S N t 2		
D 22	G N	9 8	15	78	r	30		
		5		4	E	30		
		8		61	L	20	S l d	
		2		46	D	25		
		0	1	25	L	20		
		0		215	E	20		
		8 58	1	175	E	80	B d t t p 65 l g l C	
		56		9	E	12		
		55			E	30	S l d D t h d f m l m b	
		52	15	29	D	20		

D t d b	H [ST	B	L t i		L i	H i t	R l
			\ th	s th			
1906							
Ap 1 24	GN	9 21	15		40	W	60 ± D bl 3 b l t b C
- 24		19	1		9	W	12
			05	17		W	15 ±
		16		1		V	16
		16				W	30
		14	2	37		W	40
		10	2	44		W	1
D 25	68	9 17	2	73		Γ	30
		16	1	68		l	6
		16	1	66		l	60
		13	3	17		Γ	7
		10	0	34		Γ	70
		7		8		E	1
		7		19		F	1
		7		1		l	15
		2		)		Γ	5
		8 9	3	16		l	80
		7	1	105		F	80
		54	2	4		l	15
			1			Γ	4
		1	1			l	30
		49	1	80		l	20
		38	0	78		W	80
		3	05	41		W	40 ±
		34	05	37	5	W	2 ±
		3	0	2		W	40 ±
		32	0	18		W	0 ±
		31	1	1		W	0 ±
		31	1	1		W	20
		29		0		W	20
		9				W	40
		27		115		W	20
			1	7		W	0
		5	1	295		W	1
		22	1	375		W	10
		20	1	73		W	10
Ap 1 27	GN	8 31	1	66		l	90
			1	1		l	12
		12	05		18	E	15 ±
		11	05		41	F	1
		10	5		74	L	0 ±
		8	1		75	N	15
		38	1		125	W	60 ±
		31	1		7	W	15
		30		15		W	30 ±
			05	05		W	20
		9	1	27		W	30
		29	85	30		W	40 ±
D 28	89	9 18		78		F	75 ±
		13	1	70		E	75 ±
		10	1	80		E	25
		7	18	25		F	2
		3	8	3		Γ	25
		8 57	3		585	E	85
		55	1		585	L	30
		47			65	D	0
		45	2		74	l	40 ±
		43			765	F	15
		41	05		79	W	100 ±
		9 35	15		57	W	30
		8 37	3		50	W	30
		35	3		45	W	25
		32	15		34	W	30
		28	1		0	l	90
		25	45		12	W	50
		9 29	2	18		W	20
		27	4	8)		W	60

Dt	lb	H ISS	B	L t t l		I l	I l	I t	I m l	
				N	S					
1908										
A1	1 8	SS	6 30 39 27	3 1 2 2	21 12			I I I I	30 4 25 30 f	F l Sh p d r t O A l t g t k 60 l l l d f m t l m d d l f t t l t l
			4 3 0 23 3	0 2 0		92 84 71 33 34 28 (I I W W W W	27 30 0 90 1 130	N w i t l S N t l
			17 1 16 1 1 13 11 5	2 05 2 1 0 (1 2	4 10 7 7 80 84		W W W W W W W	17 20 10 0 0 0 0 10	Sl t s t w d L i d t t p S N t	
D	30	GN	8 5 72 (4	0 1 0 0 1	73 37 315 33 4	0	I I I I I W	0 30 15 10 10 10	Sl t g t w l (l i d t t l l l d 105 h l S l i d t t l l l m t h n O S N t t l t t h	
M	y 1	SS	0 3 8 7 7 1 13 1 3 3 23 25 8 21	1 (1 1 2 1 1 1 1 2 1 1 4	51 39 17 12	13	I I I I I I W W W W W W	0 0 10 10 20 40 1 0 20 2 70 0 0 20	D t i l l l l t t w d B d t l l S N t	
D	2	SS	8 7 8 28 71 2 1 4 4 44 44 42 40 38 37 37 9 24 24 20 20	15 (1 1 15 1 05 2 05 05 05 1	1 1 33 27 0 10 11 4 55 58 78 84 08 66 4 49 40 21 18		I I I I I I I F I F I F W W W W W W	1 0 1 1 37 0 0 0 15 10 40 0 15 10 10 10 30 25 15 10 20	(l l F l l t f L t + 18 E B l l t	

Dt db	H IST	B	L t t d		I b	H it	R k
			N h	S t			
1906							
My 2	89	0 1		4	W	30	
		2	3	815	W	90	Ih l t } O t t d t t p by C
		9	4	41	W	10	hl t }
		6		9	W	4 ±	V y f t t l k
		3		71	W		
D 8	GN	1 1		7	I	2	
		48	7	125	I	±	
		14	25		I	±	
		14	3		E	20	
		1	15		F	1	
		25	1	05	E	30	D 11
		1	15		I	35 ±	
		1	25		I	3	
		1	1	25	W	±	N t t p
		15	1	9	/	15	S N
D 4	GN	8 25		58	I	10	
		2		5	F	1	) bl
		2	05	28	I	20	
		1	2	1	I	35	
		21	3	85	I	20	I t l y b g l t t
		19	05		E	0	I t D bl
		18	1		I	15	I t
		1	2		I	1	
		18	7		I	20	S N t 1
		1		57	I	3	
		15		05	E	30 ±	F t
		18	1	7	I	12	D 11
		1			I	1	S N t 2
		11	05		I	20	D bl
		10		90	W	30	D t l d f I b
		10	05	70	W	10	D 11
		10	0	88	W	1	
		22	1	175	W	1	
		22	2	45	W	20	
		30	1		W	1	
		2	2	18	W	2	
		26	1	1	W		I 0 l g l C
		2		27	W	2	
D 5	SS	9 51	2	49	I		O 11
		46	1	11	L	0	M t l l b M b d N l l t l l y
		14		8	I		t g t w d }
		43		5	F		B 2 b d C } M t g t t p C
		4		4	I	5	
		8)	35		I	30	M t l
		36		21	I	30	B l t t p C
		32	3	57	I	0	
		30		72	F	80	
		7	1	0	I	1	
		24	25	15	I	0	N w t t l } M t l l
		2	1	7	I	4	
		18		8	W	45	I t 60 h h C
		16		74	W	30	
		17	1	485	W	30	B d t t
		17	05	445	W	30	Sl t th d
		15		8J	W	10	
		14	15		W	15	
		22	8	2	W	15	I t
		11		25	W	1	
		10	05	7	W	25	Sl t th d
		9	5	15	W	5	
			1	38	W	20	
		8		375	W	30	D t h d f m l m b
		29	5	40	W	15	
		0	05	48	W		
		8 50	8	785	W	20	B l t t l

Dt	db	H IS I	R	l t t l		i l	H l t	l m l		
				N t l	S th					
1908 M y	G	SS	9	2	7					
			8	15	7					
				0	18					P t l t t l
			6	1	42					T t
			52	1	11					
			51	1		1				
			49	2		18				T t
			47							
			4	2		11				
			44	1		0				
			42	15		55				
			4			7				
			39	1						B ght
			38			71				Sl t tw d
			37	35		98				
			35	15		2				v y f t Sl t w tw d d lghly
				1						l d t t l
			32	05		3				Sl t w t l
			9	15		48				
			17			8				
13	1									
10	15	J								
	1									
	4									
8	5		30				O l l M t C			
							L O			
D	7	GN	9	05	42					
			1		3					
			0		2					
			8	1						
			58	15						
			58							
			56	05		5				t l l y t l l l g
			58	05		20				
			2	05		21				B l d l t t l s
			71	5						
			19	0						
			48			10				
			4			54				Ad l d l d l t
			18			10				
			1			75				
			41	1		78				
			11			5				
			9	25		70				A l l g
			8	17		3				C t l l y t l t t p
			8	0		18				C i t
8	40		8							
D	8	SS	9	1	50					
			4		23					
				1	4					
			8	05	50					Sl t tlw d
			6		7					B d th ll
				1	21					l l t l b t l l + 6 E
			51		05					
			48	2		11				
			22			17				(Alw t k l H l t l m b
			10	15		9				Sl t tw d l f l w i f th t n O
			49	1		22				
			1			30				
			41	15		40				T l l t tlw l s
			10			46				A t l d l g t l l d l t
			97			2				D t l l f l l B l t t p
			81	8		81				
			80	0		82				
			9	2		1				S N t l
			80	25		98				
			8	1		19				
8			0							
24	2		14							

D t d b	U I S T	B	I f d N d S t l	L b	H g h t	R m l
1 08						
M Y 8	0 23	16	1 (q	W	20	C D t l l m b
	1 15	0 3	3 125	W	20	D b l
	17 1	1 1	165	W	30	O l h t y l l l l t d t b
	19 1	1 1	(8 1	W	25	5 l g l C
	8 1	1 5	81	W	60	9 N t 2
	5 1			W	80	
D 9	9 58	0 0	80	V	70 ±	V y f t
	58 31	0 0	91	L	30	
	52 4	2 2	27 19	I	20	
	44 44	1 0	18	I	20	
	40 31	1 1	235	I	20	
	38 35	1 1	3 13	I	2	
	34 31	1 1	45	I	30	
	3 30	4 4	69	I	1	
	21 28	0 5	81	I	60	
	2 2	5 5	6 7	I	0	
	21 20	1 3	3 515	W	10	
	14 14	2 2	41	W	1	
	14 14	1 5	1 18	W	65	
	8 1 1	1 1	10	W	20	
	9 1 1	1 1	8	W	20	
	1 1	1 1		W	80	
D 11	6 9	3 1	65	I	6	
	6 9	1 1	36	I	6	
	6 9	1 1	(	I	6	
	6 9	1 1	81 5	I	6	
	6 9	1 1	80 6	I	6	
	6 9	1 1	17	L	6	
	6 9	1 1		I	6	
	6 9	1 1	9	I	6	
	6 9	1 1	10	I	6	
	6 9	1 1	11	I	6	
	6 9	1 1	12	I	6	
	6 9	1 1	13	I	6	
	6 9	1 1	14	I	6	
	6 9	1 1	15	I	6	
	6 9	1 1	16	I	6	
	6 9	1 1	17	I	6	
	6 9	1 1	18	I	6	
	6 9	1 1	19	I	6	
	6 9	1 1	20	I	6	
	6 9	1 1	21	I	6	
	6 9	1 1	22	I	6	
	6 9	1 1	23	I	6	
	6 9	1 1	24	I	6	
	6 9	1 1	25	I	6	
	6 9	1 1	26	I	6	
	6 9	1 1	27	I	6	
	6 9	1 1	28	I	6	
	6 9	1 1	29	I	6	
	6 9	1 1	30	I	6	
	6 9	1 1	31	I	6	
	6 9	1 1	32	I	6	
	6 9	1 1	33	I	6	
	6 9	1 1	34	I	6	
	6 9	1 1	35	I	6	
	6 9	1 1	36	I	6	
	6 9	1 1	37	I	6	
	6 9	1 1	38	I	6	
	6 9	1 1	39	I	6	
	6 9	1 1	40	I	6	
	6 9	1 1	41	I	6	
	6 9	1 1	42	I	6	
	6 9	1 1	43	I	6	
	6 9	1 1	44	I	6	
	6 9	1 1	45	I	6	
	6 9	1 1	46	I	6	
	6 9	1 1	47	I	6	
	6 9	1 1	48	I	6	
	6 9	1 1	49	I	6	
	6 9	1 1	50	I	6	
	6 9	1 1	51	I	6	
	6 9	1 1	52	I	6	
	6 9	1 1	53	I	6	
	6 9	1 1	54	I	6	
	6 9	1 1	55	I	6	
	6 9	1 1	56	I	6	
	6 9	1 1	57	I	6	
	6 9	1 1	58	I	6	
	6 9	1 1	59	I	6	
	6 9	1 1	60	I	6	
	6 9	1 1	61	I	6	
	6 9	1 1	62	I	6	
	6 9	1 1	63	I	6	
	6 9	1 1	64	I	6	
	6 9	1 1	65	I	6	
	6 9	1 1	66	I	6	
	6 9	1 1	67	I	6	
	6 9	1 1	68	I	6	
	6 9	1 1	69	I	6	
	6 9	1 1	70	I	6	
	6 9	1 1	71	I	6	
	6 9	1 1	72	I	6	
	6 9	1 1	73	I	6	
	6 9	1 1	74	I	6	
	6 9	1 1	75	I	6	
	6 9	1 1	76	I	6	
	6 9	1 1	77	I	6	
	6 9	1 1	78	I	6	
	6 9	1 1	79	I	6	
	6 9	1 1	80	I	6	
	6 9	1 1	81	I	6	
	6 9	1 1	82	I	6	
	6 9	1 1	83	I	6	
	6 9	1 1	84	I	6	
	6 9	1 1	85	I	6	
	6 9	1 1	86	I	6	
	6 9	1 1	87	I	6	
	6 9	1 1	88	I	6	
	6 9	1 1	89	I	6	
	6 9	1 1	90	I	6	
	6 9	1 1	91	I	6	
	6 9	1 1	92	I	6	
	6 9	1 1	93	I	6	
	6 9	1 1	94	I	6	
	6 9	1 1	95	I	6	
	6 9	1 1	96	I	6	
	6 9	1 1	97	I	6	
	6 9	1 1	98	I	6	
	6 9	1 1	99	I	6	
	6 9	1 1	100	I	6	

D t nd b	H I T	B	L t t d		L l	I l t	E l	
			N	S t l				
1906								
M y 12 - 12	SS	9 30	0	06	L	5	F t	
		)	1	)	L	10	
		27	0	35	L	20	Sl t tw d	
		26			L	10		
			15		10	F	40	Sl t thw d
		2	15		18	L	40	
		15	15		41	L		
		14	1		155	L	7)	Sl t hw d Sl htly l d ttp
		12	1		50	L	30	T l f w t l l 5
		5	2		8	L	10	
		7	1		63	L	15	
		5	1		8	L	70	
		2			72	L	50 ±	F t d t l d t l l
		1	1		70	L	10	
		0)		81	L	10	
8 58			56	L	15	Sl t tw l		
6	05		75	W	35	F t		
5	05		73	W	2			
10			55	W	80			
) 6			11	W	0	F t d t l d f l mb l t tw d		
8 37		15		W	1	O F t l t h d f l mb l t		
						d		
9 53	0	1		W	25			
	5	1		W	2			
45	1	13		W	30			
47	0	51 5		W	25			
15	0	70 6		W	20			
14		7		W	15			
49	05	J		W	15			
D 18	SS	10 4	1	81	F	30		
		11	0	(7	L	15		
		1		(5	E	20		
		40	1	(3	L	20		
		33	2	7	L	0 ±		
		3	05	3	L	30	B l t w l d t th t l m	
		3	1	8	F	30	Slightly t l l C	
		0	1	10	E	2		
		1	)		L	20	
		9 3	3		L	40	O A (l l l l t l d t th	
							t l	
		10 13	2	50	L	60 ±		
		11		(1	L	0 ±	D t h l l l l H b l 7 C	
		9		68	L	80 ±	(l d t th l b	
		5		5	W	30	D t d i l b O h h C	
				6	W	70 ±		
		1	1	1	W	1		
		53	1	14	W	20		
		58	1	21 5	W	0		
		1	1	31	W	10 ±		
		50	1	11	W	5		
		18		4)	W	10 ±	70 h t l t d C	
		46		(7	W	3 ±	H k l t t p	
		1	15	78	W	15 ±	7 t	
D 14	SS	) 14	2	5	L	10	
		13	2	43	L	7	F l t l mb	
			7	38 5	L	50	t L t + 98 I	
		1	4	24	F	3	N t t l	
			2	19	F	5		
		1	1	16	L	30		
		0		12	L	0		
		8 8			E	0	B l t t l	
		7	1	22	L	1	Sl t g t l w d	
		6	1	7	L	20		
		50	0	91	L	15	O t l C	
				53	L	10		
				(2	F	1		
		10	1	82	F	30		
9 43	05			7	W	30	V y f t	
				98 5	W	2)		

D t d b	I I S T	B	L t d		I n b	I I h t	R k	
			N t l	S t h				
1906								
M y 14 - 14	S	34		14		W	15	
		38	1	15		W	15	
		23	1	(		W	17	
		8 6		37		W	1 ± C	
		9 27	05	39		W	20 ± C	
		24	2	48		W	6	B l t t l } O t l t t l by
		21	0	0		W	2	t k n O
		20	1	9		W	30	} O t l t t p C 35 l g l C
		19	15	81		W	0	
		17		53		W	10	S N t
D 15	S S	1	10	8		D	6	
		8	1	62		I	30	
		5	0	13		J	0	S l t g t h l
		0	8	9		I	47	
		0	60	9		E	80	
		0	05			E	20	
		8 5	40	13		I	1	} C t l t t l
		5	15	11		I	15	
		53		1		I	1	I t
		20			1	I	30 ± C	
		58			8	L	1	F F t
		3			5	E	10	F F t
		80	10		0	D	60	L l d t t p O
		4	10		5	L	0	F t
		45	1		315	I	4	M t l d C } O t d t t l C
		45	05		385	I	15	
		44	r		43	D	40	
		41			6	L	85 ±	V y i t
		38			62	I	10	V y f t
		35			81	W	30	
		35	10		79	W	8	
		33			6	W	80	D t l l f m l b
		30			74	W	30	B t t W t
		29	05		44	W	5	C
		27			41	W	12	O
		27			11	W	20	A l d C
		26			6	W	5	(l t L t
		25		21		W	1	
		23		38		W	13	
		20	40	16		W	0	S l g t l y t l l O
19		4		W	15			
18		71		W	17	B d O		
16		785		W	2	} C t d t t l O		
15		75		W	30			
15		795		W	20			
14		83		W	20	I t		
D 16	S S	18 20	20	80		E	60	
		14 10	10	43		E	50	
		5	10	365		F	50 ±	} O t d t t l
		5	60	81		F	0 ±	
		0	20		20	E	55	
		18 44			28	L	20	C
		58	30		33	L	50	M l b d t l C
		56	35		42	D	70	A t n t d t t l b f d p m
								t p 102 O l y
		58			515	E	90	
		44			81	E	120	C S l t g f t
		49			78	W	60	350 l g h C E t
		46	0		34	W	25	
		43			175	W	10	
		42	20		10	W	30	
		40	10		8	W	40 ±	
		40			05	W	10	
		39	90	385		W	25	
37		465		W	20	D b l j t		
30	20	75		W	30			
25	20	79		W	60 ±			
22	15	88		W	20			

Dt lb	II IS I	B	I t i		L l	II glt	l m l
			W tl	S tl			
1908							
M y 17 S	8 49		81		I	2	
	48	10	4		I	(
	45		5		I	15	
	33	10	45		D	80	
	11	1	37		L	10	B d t b C
	38	10	2		L	30	} O t l i t l O
	38	10			L	30	
	89	10	1		I	30	
	91			35	F	10	} F t
	30			31	I	5	} F t
	8	7		115	I	(
	5	20		50	T	0	
	3			5	I	0	
	20			80	W	1	
	1			95	W	0	I t
	9 11			69	W	15	} F t
	1			17	W	20	
	10	40		25	W	10	
		10		14	W	25	N t t l O I b l y l t 115 t k
	8 20	0			W		} F t C
	9				W	10	
	6		16		W	0	
			60		W	2	
		15	31	W	10		
8 3	25		50	W	2	V y l ght	
52			7	W	2		
51			87	W	80	I t	
				W	0		
D 18 SS	0 3		87		I	70	
	1		43		E	0	} S N t 1
	9		73		D	70	
			77		D	70	
		30		8	J	1	} C t d t b
		10		1	I	100	
	8 58	15	19	7	I	40		} T l l i l 4
				45	I	20	} F t
	2				I	20	
	49	10		(5	T	10	
	47	60		17	T	10	
	13	1		77	F	2	F
	40			(	W	30	b t
	8	15		25	W	2	
	31			21	W	70	S N t 2
	81	10		15	W	80	S N t 3
	2	20	10		W	10	25 l 1 + 91 Um
	25		135		W	10	D i l d f m l b
	2		145		W	15	
	2		18		W	15	
	22	10	2J		W	30	
	20	50	84		W	40	S N t 4
	0 15	80	78		W	60	
D 19 SS	0 8	50	80		D	210	O 7 p t t l
	18	1	55		E	10	D b l
	16		205		F	20	
	1		10		D	80	D b l f t l y C O C
	10	05		13	E	85	S N t
	9			15	I	15	
	8	70		25	L	80	M t l l V y b g l t O d 40 n h g h t
	2	10		415	E	20	
	0	80		49	D	40	V y b h t O d 55 n h g h t
	8 57			70	F	10	
	9 51	10		60	W	20	V y f t I l b t g C
	47	0		28	W	20	
	45	20	7		W	30	
	48	50	145		W	15	
41	10	28		W	15		

Dt	d b rv	H I b l	B	L t d		L b	H h	R l
				N th	S th			
1906								
M y 19	SS	9 30	05	8		W	25	B d dtll C
		6 35	10	42		W	50	
		18 6		74.5		W	1	
		6 18		78		W	40	
D 20	KVS	8 20		8		D	1	C C C C C O A h l l l t d t h i m w t h C A t l t i i j t h l l m t d C b f i l i t l t l b w t h t w p m C F t D t h d f m l m l C l l d i g l y t d i m S N t C P b b l y w g l y t d f t l i D t h d f m l b T l t h p m t C
		23		55		E	1	
		20		43		E	15	
		20		38		I	1	
				27.5		E	L w	
		0		1		L	20	
		5		6		L	15	
				1		L		
		20				I	0	
		52			11.5	D	20	
		51	25	10	10	I	L	
		47			6.5	E	20	
		45	10		30	I	20	
		45	40		70.5	D	40	
40			17.5	W	0			
22	15		10.5	W	5			
18	10			W				
J		9		W				
13	05	19.5		W	3			
10		4		W	50			
5	50	78		W	40			
D 21	SS	8 1		77		E	15	
		47		26		D	30	
		4		12		I		
		43		14		I	20	
		10			10	D	60 ±	
		38				T		
		38	0		18	I	0	
		20			80.5	I	5	
		0			77	W	5	
		9 0				W	25	
14				W	0			
	11				45 20 2			
7				W	2			
4		16.5		W				
		35		W	40			
8 8		12		W	0			
D 22	SS	8 4		51		I	5	
		11		18.5		E	30	
		3		11		I	40 ±	
		3				I	10	
		31			13	I	30	
		(	90		18	E	50
		21			13	E	10	
					86	F	0	
		20	10		77	W	50 ±	
		9 21	15		92	W	25 ±	
		9	20		27	W	0	
		8 45	70		14.5	W	15	
		9 6	5		6	W	0	
		8		7		W	30	
		1	25	1		W	30	
		8 20		17		W	10	
58	20	1		W	0			
57	20	25		W	0 ±			
54	60	30		W	0 ±			
45		7		W	8			
45		79		W	5			

D t n d b	H I 6 l	B	L t l		I l	U g l t	l k	
			N t l	S t l				
1906								
M y 8	SS	8 6	05	5		I	40	Dl t n h p C
		1		5		L	1	
		4		1)		I	1	
		5		97 5		I	20	
		14	(	21 5		I		M t O B ght
		40	0	17		I	0	R 6 t
		16		11		r	9	I t
		43				r		(t d th tl l tp m by t k
		10	10		1	r	(0	O t l tl O H ght O
		3)			1	L	0	
		35			0	l		l l t d d l l tp m by
		40	05		8	r	50	l t k O
		33			71	r	20	B l t l d w t b
		31	20		89	W	60	O l g d fl l d t l w t l tl
		5			1	W		l b t l l
		9 20	1		1	W	2	
		18	10		11 5	W	20	
		1			19	W	0	
		13		15		W	15	
		1		8		W	0	
		10		1		W	15	
		8 1)		17		W	1	C
		3 4	10	30		W	(0	S N +
			0	11		W	30	
				74		W	10	
		1		76		W	40	l t
		0		79		W	10	l F
D 24	SS	6 14	10	5)		I		
		) 11		3		I)	
		8 41		4		I	1	
		41	10	52		l		
		10		1		F	0	
		3)		4		I	15	
		17	20	3			20	
		9)		7		I	15	
		83		)		I		
		8				r	10	
		(					10	
		20	0		1(	I	0	
		0	20		54	W	2	
		1)	0		7	W		
		11			84	W	40	
		11			)	W	2	
		12			5(	W		
		11			33	W	10	
		10			49	W	10	
		4	2		40	W	1	
		57	100	29	14	W	3	0 A t k t t P A 230
		53	85	48 5		W	20	
		1		56		W	15	
		48	20	78		W	50	
		46	30	84		W	20	
		45	10	87 5		W	15	
D 25	S	8 50	3	3 5		h	25	B 4 O
		57		80		r	50	D t l d f l n b
		50	25	4		r	25	N t t p B 4 O
		50	1	1		E	25	
		50			1(5	E	15	
		46	2		54	F	50	N w t t p
		44	15		57	D	50	r t O
		41	05		74	E	10	
		34	15		83	W	25	
		9 34	1		47 5	W	5	

Dt l b	H [S]	B	L t t d		l	II	lt	R k
			N t l	S l l				
1906 M y 29 - t2	GN	8 14 32 9 7 5 0 5 5) 1 1 15 50	1 15 15 15 15 35	45 8 10 8 27	F l l W W W W W W W W	15 30 35 40 ±) 0 5	100 ±	Slightly II db d C 15 b d t } t l t t h t l t l t l t O l p m t th t p m Hyd g 45 l l C
D 30	KVS	11 0	15	3 6	W	30	N	t t p S N t
D 31	GN	4 2 5 25 14 10 38 38 25 35 9 30 7 5	0 15 15 1 0 1 0 0	4 7 () 1 1 8 2 7 16 71 89 80	l l l F F H l l l l W W	40 15 85 40 ± 20 20 1 70 1 1 1 30 50 ±	4 ±	C Slnt tw d C Sl t t l O 2 l l C O P t d t t l D bl Al w l t l f m t b t L t + 9 W O l l l C
Jn 1	GN	9 0 8 37 57 7 56 55 50 15 1 7 11 8 7	1 1 15 15 1 3 1 07 1 1 2 15 3 15	78 72 18 145 18 25 31 7 44 285 185 23 28 9	F F l l F F l l l l W W W W W W	L 40 1 0 12 10 20 ± 15 ± 12 40 ± 1 20 1 10 00 ± 0	4 ±	Al t 5 l l C C V y f t Sl i g t l w l S N t l Sl t b thw l S N t
D 2	GN	8 16 16 30 1 3 36 30 16 44 43 11 1	8 8 05 2 05 1 5	6 415 335 5 17 3 1 6 19 5	l F F l E L F W W W W	3 10 80 20 ± 0 50 20 0 30 0	0 ±	C Slightly l d t t l C l l l l C p m 70 l h l t f t y d C l h t l l t h t D l l C
D 3	KVS	11 5 10 0 1 45 90 28 28 28	1 2 1 45 2	11 16 11 175 52 20 5	E F E E E W W W	L w ± 30 0 ± 50 40 90	0 ±	F t T p t d l y t l C F p b l d l m t l l l t I t -18 E C Sl t t l w d S N t 1

D t d b	H IST	B	L t t d		L b	H g l t	B k
			N h	S th			
100							
J 8 KVb	9 8 11 20 15 12 1 10	2 1 1 15 1	0 6 145 29 8 58		W W W W W	5 15 10 15 15	C A l t l d t l l f m l m b i l l l t t k t t l V y t s N t 2
D 4 GN	10 0 19 12 8 26 5 24 9 10 23	2 4 1 15 0 05	18 85 88 50 18 10 10 12 1		E F E I W W W W W	20 30 50 45 80 40 20 40 35	B l t t l S l t g t l d I t l y b g l t t (d l l d l l t y t d
D 5 GN	8 3 21 35 3 3 21 34 21 31 30 27 25 21 21 21 21	15 15 1 05 05 2 0 2 0 05 05 1 05 05	33 30 16 13 9 95 13 31 53 57 76 81 86 53 18 10		F I F I E E F L F F L W W W W W	1 30 15 25 15 1 0 30 50 40 25 30 1 5 30	I t t t 35 l g l O s N t l s N t I t l y b l t O 5 l l O I t C C C C T l l } t l l y l l l l t l l 12 W
D 7 GN	1 45 45 21 21 9 0 5 40 21 25 23 21 2 3 57	15 2 1 05 1 1 1 15 15 2 3 3 1	17 19 22 51 80 87 55 89 545 6 1 195 24 8 46 84		W W W W W W W W W W W W W W W	30 20 80 30 45 20 15 12 15 12 40 15 35	S N t d i g l t l b h w y f m l l l l l f t d t l m b t L t + 8 t W B l t t p } l y k O t d t t p b y O p m l b l l b t 10 l g l O I t l p d w l t 3 t W
D 8 GN	10 8 8 9 0 4 10 5 8 57 55 9 20 19 10 9 9 9 15 15 15	1 15 1 05 1 15 1	88 88 10 185 355 49 685 705 6 9 10 11 315 38 845		E I F E L E E W W W W W W W W	80 70 15 20 1 15 12 45 15 10 10 10 50 50 0	O C l p S l t g t h w d T p f t h f t w t l C

D t d b	II IST	B	I t t d		I l	II ht	R m k	
			N t l	S t				
1906								
Jun 8	GN	10 5		1		W	150	O A l d w t l t b 70 w y f m l b
— 12		8		1)		W	110	O A l t k t l t b t t m 30 w y
		h	1	9		W	15	f m l m b
		4	2	54		W	30	C
D 10	SS	10 10	05	81		Γ	40	C
		10	1	8		I	1	D bl
		9	3	34		I	15	
		30	7			I	75	
		8	8			I	30	N w t t l
		2	1		16	I	10	
		2	1		1	I	0	
		1	0		475	I	1	
		1	0		1)	I	40	Γ k l l
		18	1		7(	I	2	
		17	1		79	Γ	30	N w t t l U l l l k b g l t t l w
		11			81	F	1	V y f t
		15			88	F	95	D t l d f l m l
		58	1		57	W	3	O l k
		4	0		4	W	1	
		1	2	1		W	1	N t
		48	2	11		W	9	
		19	2	13		W	95	
		17	1	81		W	25	S l t t w l
		10	1	((		W	15	
		10	1	77		W	15	
		42	4	6(		W	60	
D 11	CN	9 10	07	40		I	0	
		8	1	39		I	30	M t g t l
		4	2	3		I	30	
		6		24		F	1	l l t l f l l last p m by
		5	05	14		I	8	V y l g h t
		3	3		2)	I	12	
		0	1		3	I	60	
		1)	15		155	I	1	
		17	1	14	185	W	40	N t t d C
		1(	3	17	35	W	0	M t C
		15	4	1)		W	0	O l
		1	05	81		W	0	
						W	80	U l p h M y f t
D 15	CN	11		525		I	3	D t l l f l l
		0	5	21		I	1	
		15	15	17	45	I	30	
			05	30		W	30	
						W	1	S N t
D 20	SS	10 41	05	8		I	40	F t
		10		81		I	10	D l l
		39	1	38		Γ	25	
		38	1	31		L	0	
		37	1	0		I	30	
		3	15	5		I	20	
		84	05		11	F	10	
		3			0	F	30	
		3			48	F	0	
		81			1	F	0	
		8	15		54	I	30	
		52			38	W	30	
		50	2		19	W	20	
		4)	4	10		W	35	
		48	05	10		W	10	

Dt d b	H IST	B	L t t d		L m b	H g l t	R m l
			N t l	S t h			
1906							
J 20	SS	10 1	1	20	W	2	
- 21		15		33	W	0±	R t l f t y p t t b S N t
D 21	GN	8 45	15	8 5	F	0	
		40	6		E	0±	
		54	6		W	3	
		54	6		W	35	
		50	55	31	W	30	M t t b
D 22	SS	11 14	2	84	E	35±	D b l
		8	1	42	F	10	B l t t l
		5	15	38	E	15	l t d t t l
		8		35	F	80	S l t l y b d t t p
		6		33	D	2	
		7	05	3	I	1	
		5	1	0	D	15	
		3			D	20	
		1			E	50	l w l t t l m t t t p
		1			F	80	
		20			W	15	
		26	2		W	25	N t t p
		2	05		W	20	T t
		4		14	W	20	
		3	05	1)	W	20	
		8	4	3	W	0±	T l f t
		17		41	W	10	
D 24	GN			7)	F	10	B d t t l
			0	50	F	50±	O g h t h t h a r t p M l t t
			2	49	F	50±	b g h t t l t h f m
				425	E	90±	A h t O t l l m d w y b t w t l t p
							f t l d t l l t l m
			15	80	E	100±	
			1	32	F	1	M d t l l t t w p m t l
				21	F	L w	D b l 10 l g h n O
		8 19	1	14	F	35	O
			1	7	D		I t l y l g h t l j t C l g h t l y d p l d
			45		I	60±	
			15		F	0±	
			05		W	90	C l t
		9 12	1		W	60±	
		9 19	05	88	W	10	C S l t l y l d t t p
D 26	C N	10 1	5	1	I	15±	
		12		40	F	10±	
		4	2	30	L	2±	
			2	26	D	20±	
				10	D	12	
			1		D	20±	
			1		F	80	
			1		E	32	
		10 16	05		W	20	
		16	1		W	40	P l d t t l
		18	1		W	35	
		5	05	6	W	20	
		14	15	32	W	2	
D 27	SS	10 11	2	50	E	30±	80 l g h O
		8	1	32 5	I	20	
		6	4	24	E	50±	
		4	2	17	D	15	
		2	8	5 5	D	20	Th l t th
		0			D	60±	V y f t
		9 56			D	90±	
		50	05		E	15	
		10 23		7	W	40±	
		21	2	26	W	25±	
		19	1	35	W	30±	
		15		75	W	10	S N t

D t l l	H I S F	B	L t t l		I b	H g l t	R k
			N l h	S t l			
J 29	38 38 38	4	61	66	I I W W L	0 26 60 20 80±	C O C O S N t N
D 2J SS	10 16	1	77 31	1	L H	80 10 1	C B d t p O p m 2 b d A O t l p d f m th t p d p th l th ttw p mm
D 30 C N	3	5	77 31 10		I L H	80 10 1	C B d t p O p m 2 b d A O t l p d f m th t p d p th l th ttw p mm
	2	05	(		F E F I L F W W W W	2 60 20 80 46 20 12 30 ±	C O 11 } s m d by t k 7 l g
	4	07	1	11 17 0 33 86 2 1	F E F I L F W W W W	2 60 20 80 46 20 12 30 ±	C O 11 } s m d by t k 7 l g
	7	01	1	11 17 0 33 86 2 1	F E F I L F W W W W	2 60 20 80 46 20 12 30 ±	C O 11 } s m d by t k 7 l g
	8	45 16	55 10		F E F I L F W W W W	2 60 20 80 46 20 12 30 ±	C O 11 } s m d by t k 7 l g

NOTES

1906

- January 5 The whole limb was examined in very bad sky. There was practically no observation.
- 6 Lat - 12 W Very bright. Eruptive C was displaced both ways at several places in the prominence.
- 7 Note 1—Lat - 64.5 L A vertical streak about 10 high with another about 25 high near it detached from the former and from the limb.
Note 2—Poor sky.
- 8 Note 1—Lat - 10 E Metallic. Rapidly changing. At 9 hours 15 minutes the prominence became much shorter and the base more continuous.
Note 2—The south west quadrant was examined in poor weather.
- 11 Lat + 12.5 E Very bright and metallic. C and D₂ slightly displaced to violet over the whole of the prominence.
- 12 Seeing was alternately poor and fair in the forenoon and good in the afternoon.
- 14 The limb was not examined between position angles 200 and 00 on account of clouds.
- 15 Lat + 29 W Bright. Broad at top. There was a faint extension of the prominence as far as Lat + 28 W.
- 19 Note 1—Lat - 0 E 14 broad at base in Ca. The chromospheric layer was absent from position angle 91 to 92 the gap appearing very black.
Note 2—Lat - 33.5 W Top slightly broader and slanted westward. Ca prominence was 2 broad at base.
- 20 Lat - 9 E The prominence consisted of fragmentary clouds. Changing rapidly. The forms as visually observed in Hydrogen at 9 hours 15 minutes and 10 hours 15 minutes and as photographed in Calcium at 8 hours 43 minutes differed very much from one another. C was displaced to red at the top and brightest part of the prominence at Lat - 12 L.
- 24 Note 1—Lat - 4 E Lower part bright the rest of the prominence mainly consisting of irregular streamers was faint.
Note 2—Lat - 36 W The Ca prominence was surmounted by a streak parallel to limb making the total height 35.
Note 3—Lat - 26 W A slanting Ca streak passed through the top and met limb at Lat - 23 W.
- 25 Note 1—Lat + 1 E A faint cloud connected to limb by a slender streak. In Ca bright 120 high and connected to limb broader than in Hydrogen.
Note 2—Lat - 15.5 E Upper part detached from the lower and floating at an elevation of 100 to 150 the lower portion of the prominence not rising above 30. Very faint in Ca.
- 26 Note 1—Lat + 10 E Slanting eastwards with a short stream flowing northwards from the top.
Note 2—Lat + 16 W In Ca the prominence was 20 broad 30 high from lat + 3 to + 19 W and 20 from + 19 to 29 W.
- 27 Note 1—Lat - 55.5 E There was a stream running southwards from the top and down and meeting the limb at lat - 62 E.
Note 2—Lat + 20.5 W There was a longish cloud near the western end of the main prominence but detached from it and from the limb.
- 29 Lat + 20 E More continuous in Ca. Na and M₂ lines bright at base.
- 30 Lat + 44 E An apparent dark hole in the prominence at lat + 43 E. There was a faint extension of the prominence as far as lat + 40 E.
- 31 Lat + 32.5 and + 23 F Changing rapidly. Sketches made at 9 hours 5 minutes and 10 hours 45 minutes and a photograph taken at 8 hours 34 minutes differed very much from one another.
- February 1 Note 1—Lat + 38 E A very faint cloudlet about 60 high was observed over the lower prominence at 10 hours 30 minutes. It was stronger in Ca and connected to the base by a slender stream.

1906
February
—contd

- 1 Note 2—Lat -12.5° W Two streaks meeting at top. A long faint Ca cloud 40 high at the southern end and 50 at the western was floating over this prominence.
- 2 Lat $+10^{\circ}$ E Two of the Ca photographs showed the prominence as 130 and 120 high respectively. The forms in the two differed from each other and from the sketch in hydrogen.
- Note 1—Lat $+53^{\circ}$ $+38.5^{\circ}$ and $+2^{\circ}$ E In these prominences were mounted by a very faint slender streak 10 high and connected to the limb at Lat $+57^{\circ}$ E.
- Note 2—Lat $+15.5^{\circ}$ W Very faint. Slanting northward. There were a few short detached Ca streaks between the tops of the last and the next prominence.
- Note 3—Lat $+3^{\circ}$ W Ca prominence 75 high 22 broad at base and connected to the last prominence.
- 4 Lat $+36^{\circ}$ W A cloudlet quite detached from the limb in hydrogen at 10 hours 25 minutes A.M. but connected to it and also to the top of the last prominence in Ca at 9 hours 17 minutes.
- 5 Note 1—Lat -6° L The top extended southwards in Ca almost meeting the prominence at Lat -1° L.
- Note 2—Lat -2° W Double. Very bright metallic. The only bright lines observed were b_1 , b_2 , and b_3 in which however the whole prominence was visible.
- (Note 1—Lat $+0^{\circ}$ L There was a bright vertical streak in the middle 120 high in Ca.
- Note 2—Lat -1° L Isolated. Broad at top broader in Ca than in hydrogen. A Ca streak from the eastern end of the top reached as far as Lat -1° L.
- 7 Lat $+58^{\circ}$ L Detached from limb. The lower half of the prominence was oval and was about 2 broad. The upper pointed and slanting northwards.
- 8 Lat $+27^{\circ}$ L There was a straight vertical column at the top of the prominence in Ca making the total height 55.
- 9 Note 1—Lat $+61^{\circ}$ L Faint fragmentary and detached from limb. In Ca connected to limb and more continuous.
- Note 2—Lat $+18.5^{\circ}$ L There was a low extension of the prominence for about 2 on each side of the base.
- Note —Lat $+28^{\circ}$ W Slanting northwards—more so in Ca than in hydrogen. Ca prominence 2 broad at base and 75 high.
- 10 Note 1—Lat $+6^{\circ}$ W Top extended southwards for about 6 in hydrogen and 10 in Ca. Base 4 broad in Ca.
- Note 2—Lat $+2.5^{\circ}$ W Top connected to that of the last prominence by a Ca streak. A similar streak extending northwards and bending down touched the limb at Lat $+37^{\circ}$ W.
- 11 Note 1—Lat $+1.5^{\circ}$ and $+7^{\circ}$ W In the photograph (8 hours 37 minutes A.M.) the Ca prominence extended to $+7^{\circ}$ and a streak from the upper part passed through the next prominence and met the limb at Lat $+16^{\circ}$ W.
- Note 2—Lat $+27^{\circ}$ W Connected to the last prominence by a faint streak.
- 12 Lat $+13^{\circ}$ W Top spreading both ways with an extension to the south meeting the limb at Lat $+7^{\circ}$ W.
- 13 Lat $+25^{\circ}$ W Top very broad and spreading both ways meeting limb again at Lat $+16^{\circ}$ $+30^{\circ}$ and $+34.5^{\circ}$ W about 3 broad in Ca at the last position.
- 14 Note 1—Lat -23° E Faint in Ca metallic. F displaced 1 A to violet at 8 hours 10 minutes. Northern end of the top flowed northwards and met the limb again at Lat -11° L.
- Note 2—Lat -24.5° W A faint cloudlet issued from the top towards the south. In Ca a similar cloudlet appeared on the opposite side. The chromosphere was slightly elevated for about 1 to the west of the prominence.
- Note 3—Lat $+10^{\circ}$ W Connected to the last prominence by a streak. Form very different in Ca the photographed prominence being at least 6 minutes high (at 8 hours 40 minutes A.M.) and reaching the limit of the plate.
- Note 4—Lat $+19.5^{\circ}$ W F displaced 1 A to violet over almost the whole prominence which was rapidly changing in form. It had entirely disappeared at 9 hours 50 minutes nor was it seen on the Ca photograph (8 hours 40 minutes).

1906

- February
—contd
- 14 Note 5—Lat + 45 W A streak detached from the limb Ca prominence consisted of two streaks both joined to the limb and meeting each other at top
- 17 Note 1—Lat + 15 E Top very faint and almost detached from base the latter was bright and Γ was displaced in it both ways—about 0.5 A to red
Note 2—Lat - 8 E Consisted of two streaks parallel to limb the lower one being close to it
- 19 Note 1—Lat + 73 E This was a longish cloud detached from limb in hydrogen but connected to it at two places in C₁
Note 2—Lat + 37 + 3 and + 30 E Ca prominence somewhat different in form and 180 high There were several streaks proceeding from the C prominence the longest of them running eastwards for about 10
- 22 Note 1—Lat - 49 E Southern end very faint slanting southwards and meeting the next prominence at top
Note 2—Lat - 47.5 W A slender streak slanting southwards with a bright rectangular patch about 2 broad at top 3 broad at base in C₁
Note 3—Lat + 1 W Slanting northwards about 1 broad except near base Very strong in C
Note 4—Lat + 11 W Base broad and bright The rest of the prominence was a narrow streak slanting northwards
- 23 The whole limb was examined in poor weather
- 24 Lat + 72 F Three streaks meeting each other at a height of 50 and forming a single prominence above that height Strong in C
- 25 Observed during breaks in clouds
- 26 Do do
- 27 Note 1—Lat + 2 E Top sharp and slanting northwards A faint streamer about 70 high extended eastwards from near the top Chromosphere was slightly elevated for several degrees on each side of the prominence
Note 2—Observed during breaks in clouds
- March
- 2 Lat + 10 W Slanting northwards This appeared to be a streamer in Ca about 12 long flowing from the top of this prominence and over the last
- 4 Note 1—Lat - 8 E Faint filamentary streamer about 4 long flowed southwards from the top 1 broad and 40 high in Ca (8.27)
Note 2—Lat + 1 W Intensely bright spikes C slightly displaced to red at Lat + 1.5 W
- 5 Lat + 12 + 15 and + 19 W Metallic Na I, Mg lines very bright C slightly displaced to red at the base of the prominence at Lat + 12 W
- 10 Note 1—Lat + 4 F Faint Top slightly brighter than base A C₁ streak connected the base to the top of the last prominence and another Ca streak connected the top to the top of the next prominence Lower half of prominence not found in Ca 130 high in Ca
Note 2—Lat + 20 W Slanting northwards There was a streak about 12 long proceeding northwards from the top
- 13 Note 1—Lat - 10 E Changing Surmounted at 5 hours 4 minutes by a streak about 8 long and parallel to limb
Note 2—Lat - 43.5 L Bright Filamentary A short faint streamer proceeded southwards from the top
- 15 Note 1—Lat - 8.5 E Bright continuous slanting southwards with a very short streamer flowing northwards from the top
Note 2—Lat + 23 W Bright continuous A streamer about 6 long and parallel to limb flowed southward from the top the southern end of it was connected to the chromosphere at Lat + 28 W by a streak running right across the main prominence
- 16 Lat + 22 W Bright in hydrogen faint in Ca Ca prominence extended 3 further south and the extension was strong
- 18 Poor weather
- 19 Lat + 3 W Bright metallic rapidly changing Na I, Mg lines bright C and D₂ slightly displaced both ways

- 1906
- March
- 20 Lat + 29 E Slanting eastwards Ca prominence formed an arch 35 high and meeting limb at Lat + 20 L and + 21 E
- 21 Note 1—Lat + 20 E Slanting northwards F displaced both ways to the base — 1 A to red The top of this and the prominence at Lat + 32 E were connected by a Ca streak
Note 2—Seeing poor
- 22 Note 1—Lat - 88 and - 82 W Two bright vertical pillars the space between the upper part of which was filled in with fainter matter
Note 2—Lat + 18 W Top broader It was connected to the prominence at Lat + 42 5 W by a Ca streak
- 24 Lat + 37 L Faint slightly slanting eastwards Top slightly broader than base Tree like in Ca
- 25 Lat + 31 and + 27 L Meeting at top A streak about 3 long proceeded northwards from the top in Ca Ca prominence 70 high
- 26 Lat + 30 E Slanting northwards Ca prominence extended to Lat + 44 E at top and was 45 high
- 27 Seeing poor
- 28 Thin cirrus on sun
- 29 Seeing bad
- 31 Note 1—Lat + 30 E Bright slanting northwards Ca prominence extended further north at top and could also be traced well into the disc of the sun
Note 2—Lat + 14 5 W Bending southwards at top Two short bright vertical streaks near base
- April
- 3 Prominences were not observed in hydrogen Weather bad
- 6 Seeing poor
- 10 Note 1—Lat + 2 L The lower part was bright and 90 high the upper part very faint and about 60 The Ca prominence was a slanting cone uniformly strong and 120 high
Note 2—Lat + 6 L Faint Two very faint Ca streaks proceeded northwards from the prominence the upper one meeting the limb again at Lat + 16 F The prominence was more continuous in Ca than in hydrogen
Note 3—Lat - 14 L Very faint A Ca streak from it met the limb again at Lat - 7 L
Note 4—Lat - 42 L About 1 1/2 broad at top Tree like the stem was very bright Faint in Ca
Note 5—Lat - 7 W There was a very faint clondlet near the western end of the top but detached from it
Note 6—Lat + 10 W Very bright changing rapidly C displaced slightly to red and D₂ to violet The prominence was 25 high at 9 hours 14 minutes Soon after there was a slanting streak from the top mainly the total height about 35 At 9 hours 53 minutes it measured 15 in height as when first seen and had become less bright
- 11 Note 1—Lat + 20 L Top broad and extended eastwards over about 8 Strong both in Ca and hydrogen
Note 2—Lat + 16 F Broader at top C and D₂ slightly displaced both ways at base
Note 3—Lat - 7 E Photographed in Ca not observed in hydrogen Changing The prominence was quite different in shape and 60 high at 9 hours 21 minutes
Note 4—Lat - 35 F Faint in Ca and hydrogen The tops of this end of the prominence at Lat - 29 F were connected by a faint streak
Note 5—Lat - 29 W Bright A faint slanting strip 120 high proceeded from near its top in Ca
Note 6—Lat + 22 W A short streak proceeded northwards from the top in hydrogen and both northwards and southwards in Ca
- 12 Note 1—Lat - 62 L Slanting southwards Ca prominence had a short streak proceeding eastwards from the top
Note 2—Lat - 19 W About 2 broad but detached from limb Slanting westwards Ca prominence was 100 high and extended to Lat - 2 W

1906

- April
- 13 Note 1—Lat - 3 W About 1 broad but detached from limb irregularly shaped
Rapidly changing
Note 2—Lat + 4 W Two Ca streaks 110 high proceeded from near this point to the top of the last prominence
- 14 Lat + 24 5 W Lower part bright about 20 high and connected to the top of the last prominence by a faint streak above the prominence there was faint slender vertical streak
- 15 Lat + 33 W A streak branched away from the prominence at a height of 30 and extended as far as Lat + 20 W
- 16 Note 1—Lat + 31 D Surmounted by a streak about 10 long
Note 2—Lat + 8 W Broad at top faint filamental 10 high in Ca at 8 hours 11 minutes The Ca extension was much longer in a later photograph
- 17 Note 1—Lat + 19 E Broad at top with a streak 7 high extending about 7 in hydrogen but continued to the prominence at Lat + 33 L in calcium
Note 2—Lat - 43 5 E Bright top broad with a faint streak connecting it to the limb at Lat - 40 E
Note 3—Lat + 30 W Surmounted by an irregular streak 15 long The base extended to Lat + 9 W as a low elevation There was a very bright spot surmounted by a filmy cloud in the Ca photograph at Lat + 30
- 21 Note 1—Lat - 9 W Ca Top broad and bent towards the prominence at Lat - 1 5 W
Note 2—Seeing poor - very bad when observing the south west quadrant
- 23 Note 1—Lat + 30 D A streamer about 6 long extended northwards from near the top Ca prominence different in form and 90 high the upper 30 of which was faint
Note 2—Lat + 20 D Slanting northwards Ca prominence was different in form
Note 3—Lat + 1 L Tree like Connected to the last prominence in Ca Base extended 4 further south in Ca
- 25 Lat + 31 D Tree like Top extended to Lat + 10 D Northern end of the top was bright and dense
- 27 Poor sky
- 28 Lat + 30 W Top extended southwards as a bright streamer as far as Lat + 23 W and with a faint continuation 3 further south In Ca it reached the limb at Lat + 18 W
- 29 Note 1—Lat - 20 W Large tree like Ca prominence more continuous and 90 high
A Ca streak connected this to the top of the next prominence
Note 2—The observation was interrupted by clouds
- 30 Poor weather
- May
- 1 Poor weather
- 3 The observation was made during breaks in clouds
- 4 Note 1—Lat - 25 5 D In Ca a faint curved streak proceeded southwards from the top making the total height 60
Note 2—Lat - 74 E Double one being close to the top of the other but detached from it and from the limb
- 8 Note 1—Lat - 51 W A slanting cone There was a faint patch on the west side
Note 2—Lat + 66 W There was a faint streak above the top of the main prominence but detached from it and almost parallel to the limb
- 9 Lat + 13 F This prominence was a cloud about 5 long and connected by a faint streak to the limb at Lat + 13 E The lower part of the cloud was 60 above the limb
- 11 Seeing poor
- 12 Lat + 30 5 E Top broad A Ca streak connected the top to the small prominence at Lat + 20 5 E
- 13 The observation was made mostly through alto cumulus cloud
- 14 Passing cirrus and cumulus clouds

1906

May

- 18 Note 1—Lat + 87 + 83 + 79 and + 7 E Very faint and detached from the limb
A C cloud stretched across the four prominences and was connected to the limb at Lat
+ 86 W
Note 2—Lat - 21 W Haupt's Γ was displaced 1 A in the whole prominence At 9
hours 25 minutes it was only about 30 high and connected to the prominence at Lat
- 2 W
Note 3—Lat - 18 5 W Very strong both in hydrogen and Ca metallic Na Mg Fe
strong even through clouds
Note 4—Lat + 31 W A Ca streak issued from the prominence and met the limb at
Lat + 41 W
19 Lat - 13 Γ A Ca arch extended northwards from the top
22 Lat + 11 I Top faint and detached Base very bright even a poor sky Γ displaced
at several places—greatest amount 3 A to violet and about 2 A to red
D₃ also displaced both ways Na Mg Fe lines very strong A curved Ca streak 30 high
ran up to the north from the base
23 Lat + 0 W The Ca prominence extended 4 inches south and a streak from the top
reached latitude + 20
25 Note 1—Lat - 14 W A Ca streak extending northwards met the limb at Lat - 6 W
Note 2—Lat + 30 W Cone like Slanting northwards There was a dark patch in the
prominence near the base The top was as broad as the base in Cr
27 Note 1—Lat + 30 E The tops of this and the prominence at Lat + 13 E were
connected by a Ca streak passing through the intermediate one
Note 2—Poor weather
28 Poor weather
30 Weather unfavorable

June

- 1 Note 1—Lat + 6 W A faint slanting streak from the top made the total height about
60 Γ prominence slightly larger in Ca
Note 2—Clear sky
3 Note 1—Lat - 5 W Cr Detached from limb Nearly connected to the base of the
last prominence by an irregular streak broken at several places
Note 2—Cloudy with short breaks Only about three quarters of the limb was examined
Note 1—Lat + 30 I Ca Detached from limb the bottom of the prominence being 40
above the limb
Note 2—Lat + 16 and + 11 L A loud with its bottom 110 and top 150 from
limb float above these prominences
Note 3—Lat + 16 + 19 and + 20 W Surmounted by a streak about 10 long
Outstanding The streak disappeared at 9 hours 30 minutes Ca photograph showed a low
bump from Lat + 13 W to + 20 W and a prominence 3 broad and 70 high with a
dark patch in the centre at Lat + 23 W
10 Lat + 1 W Faint filamentary tree like In Cr the top extended northwards bending
down and meeting limb at Lat +
15 The whole limb was examined twice
20 The observation was made hurriedly during breaks in clouds
28 Cr photograph very poor Weather bad for visual observations
29 Weather bad

J E V E R S H E D

25th April 1907

As Director Kodankanal and Madras Observatories