TABLE 4, SEMI-DIURNAL ARCS.

Date.			Declination.	South Latitude.															
				3 4 °		36∘		38°		40 °			42 °		44°		46°		48°
10	July	3	9.49 NT	h.	m,						-	1				1	•	i	
3	June	10																	õ
19	May	25						İ						4		4		4	17
29	May	15		_						4		4	47	4	41	4	35	4	28
6	May	7		_		ĺ		1		4		4	55	4	50	4	45	4	39
13	May	1		-		5	15	5	11	5	7	. 5	3	4	59	4	54	4	49
19	April	24		5	24	5	21	5	18	5	15	5	11	5	7	5	3	4	59
25	April	18	12° N.	5	30	5	27	5	2 5	5	22	5	19	5	16	5	12	5	9
. 31	April	13	10° N.	5	35	5	33	5	31	5	29	5	26	5	24	5	21	5	18
r 5	April	7	8° N.	. 5	41	5	39	5	37	5	36	5	34	5	32	5	30	5	27
r 11	April	2	6° N.	5	46	5	45	5	44	5	43	5	41	5	40	5	38	5	36
	_	28	4° N.	5	52	5	51	5	50	5	49	5	48	5	47	5	46	5	45
			2° N.	5	57	5	57	5	56	5	56	5	55	5	55	5	55	5	54
			0°	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3
			2° S.	6	8	6	8	6	9	6	9	6	10	6	11	6	11	6	12
			4° S.	6	13	6	14	6	15	6	16	6	17	6	18	6	20	6	21
		-	6° S.	6	19	6	20	6	22	6	23	6	25	6	2 6	6	28	6	30
			8° S.	6	24	6	2 6	6	28	6	30	6	32	6	34	6	37	6	39
	•		10° S.	6	30	6	32	6	34	6	37	6	39	6	42	6	45	6	48
	ľ		12° S.	6	36	6	38	6	41	6	44	6	47	6	51	6	55	6	58
	,		14° S.	6	41	6	44	6	48	6	51	6	55	6	5 9	7	3	7	8
	·		16° S.	6	47	6	51	6	55	6	59	7	3	7	7	7	12	7	18
	•		18° S.	6	53	6	57	7	2	7	6	7	11	7	16	7	22	7	28
			20° S.	7	0	7	4	7	9	7	14	7	20	7	2 6	7	32	7	39
	January	16	22° S.	7	6	7	11	7	17	7	22	7	29		35				50
11	January	2	24° S.	7	13	7	19	7	25	7		7							3
2	December	12										·	30		10				J
	10 3 19 29 6 13 19 25 31 17 16 11 16 22 27 3 9 17 26	10 July 3 June 19 May 6 May 13 May 19 April 25 April 31 April r 5 April r 16 March r 21 March r 25 March 6 March 11 March 16 February 22 February 27 February 27 February 27 February 28 February 29 February 3 February 4 January 4 January 4 January 5 January 5 January 6 January 7 January 7 January 8 January 8 January 9 January 9 January 9 January 9 January	10 July 3 3 June 10 19 May 25 29 May 15 6 May 7 13 May 1 19 April 24 25 April 18 31 April 13 r 5 April 7 r 11 April 2 r 16 March 28 r 21 March 23 r 25 March 19 r 30 March 14 6 March 8 11 March 3 16 February 26 22 February 21 27 February 15 r 3 February 9 r 9 February 2 17 January 26 26 January 16 11 January 2	10 July 3 3 June 10 22° N. 19 May 25 29 May 15 6 May 7 13 May 1 19 April 24 25 April 18 31 April 13 8° N. 6° N. 11 April 2 14° N. 10° N. 11 April 2 14° N. 6° N. 11 April 2 14° N. 6° N. 11 April 2 14° N. 6° N. 10° N. 8° N. 11 April 2 10° N. 10° N. 11 April 2 10° N. 10° N. 10° N. 11 April 2 10° N. 10	10 July 3 June 10 22° N. 4 19 May 25 20° N. 5 29 May 15 18° N. 5 6 May 7 16° N. 5 13 May 1 14° N. 5 14° N. 5 April 24 12° N. 5 April 18 10° N. 5 April 7 6° N. 5 11 April 2 4° N. 5 11 March 28 2° N. 5 11 March 28 2° N. 5 12 March 19 2° S. 6 11 March 3 8° S. 6 12 February 26 10° S. 6 12 February 21 12° S. 6 14° S. 6 15 February 9 16° S. 6 16 February 9 16° S. 6 17 January 26 18° S. 7 18 S. 6 19 February 16 18° S. 7 11 January 26 20° S. 7 12 22° S. 7 14° S. 7	10 July 3 June 10 22° N. 4 53 3 June 10 22° N. 5 0 19 May 25 20° N. 5 6 29 May 15 18° N. 5 12 13 May 1 14° N. 5 24 25 April 18 10° N. 5 35 31 April 13 8° N. 5 41 27 April 2 4 12° N. 5 30 31 April 13 8° N. 5 41 4° N. 5 52 4° N. 5 52 4° N. 5 55 4° 11 April 2 4° N. 5 52 4° N. 5 57 4° N. 5 52 4° N. 5 52 5° N. 5 67 5° N. 5 67 5° N. 5 67 5° N. 5 67 5° N. 5 68 5° N. 6 13 6° S. 6 19 11 March 3 8° S. 6 24 16 February 26 10° S. 6 30 11 March 3 8° S. 6 24 12° S. 6 36 12° February 15 14° S. 6 41 12° S. 6 36 13° S. 6 53 14° S. 6 47 15° S. 6 53 17 January 26 18° S. 6 53 20° S. 7 0 22° S. 7 6 11 January 16 11 January 2	10	10	10	10 July 3	Date Declination 34° 36° 38°	Date Declination 34° 36° 38° 40°	Date Declination 34° 36° 38° 40°	Date Declination 34° 36° 38° 40° 42°	Date Date	Date Date	Date Date	Declination Declination	Declination Declination

Office of Public Service Commissioner,
Wellington, 1st December, 1914.

1. A PPLICATIONS will be received by the undersigned up till noon on the 21st December, 1914, for the position of Dairy Instructor and Grader, Manaia.

2. Applications must be addressed to the Secretary to the Public Service Commissioner, Wellington, and must embrace a statement of education and experience, particulars of age, &c.

- 3. Applicants must—

 (a.) Be thoroughly competent in the management of butter and cheese factories, making of creamery butter and cheeddar cheese, testing of milk and its products, and have had several years' experience as successful dairy and cheese factory managers.
 (b.) Be first-class judges of dairy produce as to quality.
 (c.) Have a sound knowledge of all dairy machinery and equipment, and also some idea of the planning of dairy buildings and the arrangement of plant therein.
 (d.) Possess the necessary qualifications for giving instruction in the efficient handling of milk on dairy farms.

- (a.) rossess the necessary qualifications for giving instruction in the efficient handling of milk on dairy farms, including the cleaning of milking-machines.
 (e.) Be able to write well, be quick and accurate at figures, and able to draft reports in a satisfactory manner.
 (f.) Have a knowledge of herd-testing.
 The appointment will be subject to the provisions of the Public Service Act, 1912.
 The position will be graded in the Graded in the context of the provisions.

The position will be graded in the General Division. Salary, £260 to commence.

A. J. H. BENGE, Secretary.

Applications invited for the Position of Dairy Instructor and Applications invited for the Position of Clerk and Sub-Inspector Grader, Department of Agriculture, &c., Manaia in the Office of the Public Service Commissioner. in the Office of the Public Service Commissioner.

Office of Public Service Commissioner,

- Wellington, 9th December, 1914.

 A PPLICATIONS will be received by the undersigned up till noon on the 24th December, 1914, from officers of the Public Service, for the position of Clerk and Sub-Inspector in the office of the Public Service Commissioner.
- 2. Applications must be made on forms obtainable at this
- 3. The essential qualifications are :—
- (a.) To have passed the Civil Service Senior Examination . or its equivalent.
- (b.) To have qualified as accountant by examination.
- (c.) To be well informed in modern office methods, including the use of mechanical appliances such as adding, listing, and billing machines, and the drafting of books and forms, &c., suitable thereto, and the assembling of results by mechanical processes.
- 4. Applicants must state clearly in their applications their present position, age, and salary.
- 5. Applications should in the first instance be sent through the Permanent Head of the Department.

The position will be graded in the Clerical Division, Class VI; salary, £260; with promotion to Class V after one

P. VERSCHAFFELT, Acting Secretary.