

Table XVII.

REGISTER OF THE NEAR EAST PARTY FROM WINTER QUARTERS, CAPE DENISON.

(November 8th, 1912, to November 27th, 1912.) Recorder: *A. J. Hodgeman.*

Date.	Hour.	Temperature (deg. Fah.).	Wind.		Clouds.	Remarks.
			Miles per hour.	Direction.		
November. 8	16	4	50	S.S.E.	Bars Cu. near N. to N.E. horizon with few patches Fr.-Cu. above. (Cloud 0.)	Light surface drift. Sunshine.
	20	-3	50	S.S.E.	Clouds as at 16 h. with Ci.-St. horizon to 7° alt. N.W. (Cloud 0.)	Moderate surface drift. Sunshine.
9	...	...	...	...	.....	2-30 h. wind increased since 21-30 h. (8th) and gusty.
	7	-10	55	S.S.E.	Ci.-St. radiant, N.W. to S.E. (Cloud 9.)	Wind gusty. (2-30 h. to 7 h. wind same.) Moderate drift. Sunshine.
	10	-3	55	S.S.E.	Clouds as at 7 h.	Wind, drift and sun as at 7 h. Solar halo, approx. 46° diam.
	12	-2	55	S.S.E.	Clouds as at 10 h.	Wind, drift, sun and halo as at 10 h.
	18	-3	50	S.S.E.	Ci.-St. low down W. and S.E., and St.-Cu. near horizon N. to N.E. (Cloud 0.)	Light to moderate intermittent drift. Sunshine.
10	...	...	...	...	.....	Min. therm. -12.
	6	-6	35	S.S.E.	St.-Cu. and Cu. near horizon N. to N.E. (Cloud 0.)	Light surface drift. Sunshine.
	11-30	1	35	S.S.E.	St.-Cu. and Cu. near horizon N.W. through N. to N.E. (Cloud 0.)	Drift and sun as at 6 h.
	13	2	35	S.S.E.	Clouds as at 11-30 h. with patches Fr.-Cu. above. (Cloud 0.)	Drift and sun as at 6 h.
	14	...	...	...	.....	S.S.E. wind 10 m.p.h.
	15	3	15	S.S.E.	Clouds as at 13 h.	Drift and sun as at 6 h.
	17	2	10	S.S.E.	Clouds as at 13 h.	No drift. Sunshine.
	18	1	5	S.S.E.	Clouds as at 13 h.	No drift. Sunshine.
	20	-5	Calm.	...	St.-Cu. and Cu. near horizon N.W. to N.E. with patches Fr.-Cu. above in N. (Cloud 0.)	No drift. Sunshine.
	21	-7	10	S.S.E.	St.-Cu. W. through N. to E.N.E. to 4° alt. and Fr.-Cu. near horizon N.W. (Cloud 0.)	No drift. Sunshine.
11	22	...	25	S.S.E.	Clouds as at 21 h.	Light surface drift. Sunshine.
	...	...	...	...	.....	Min. temp. -11.
	2	...	...	...	.....	S.S.E. wind 70 m.p.h. with moderate drift.
	6-30	-4	50	S.S.E.	Ci.-Cu. radiant, extending E. and W., with bank Cu. low down in N. horizon. (Cloud 6.)	No drift.
	9	0	50	S.S.E.	Sky overcast with light A.-St. (Cloud 10.)	No drift.
	11	0	50	S.S.E.	Overcast as at 9 h., but slightly denser. (Cloud 10.)	Intermittent surface drift.
	13	4	40	S.S.E.	Overcast as at 11 h.	Drift as at 11 h.
	14	5	20	S.S.E.	Complete dense pall of A.-St. over sea N. in curving lines. (Cloud 10.)	Commenced snowing. Drift cloud in S.
	18-30	4	30	S.S.E.	Clouds as at 14 h.	Snowing.
	20	5	45	S.S.E.	Clouds as at 14 h.	Moderate drift and snowing.
12	21	...	...	...	.....	S.S.E. wind 50 m.p.h. and gusty. Aner. bar. 27.51.
	...	...	...	...	.....	21 h. (11th) to 7-30 h. S.S.E. wind about 50 m.p.h. and drifting. Snow 6 in. deep on surface.
	7-30	3	50	S.S.E.	Completely overcast with A.-St., Nb. in N. (Cloud 10.)	Moderate drift which continued during the day.
	16	12	45	S.S.E.	Clouds as at 7-30 h.	Moderate drift. Wind gusty.
	18	11	30	S.S.E.	Even pall of A.-St., "water sky" in N. (Cloud 10.)	Light surface drift.
	20	10	35	S.S.E.	Clouds as at 18 h.	Drift ceased for several minutes. Wind gusty.

Table XVII—continued.

REGISTER OF THE NEAR EAST PARTY FROM WINTER QUARTERS, CAPE DENISON.

Date.	Hour.	Temperature (deg. Fah.).	Wind.		Cloud.	Remarks.
			Miles per hour.	Direction.		
November. 13	...	...	...	...	.....	20-30 h. (12th) to 8 h. S.S.E. wind (average 40 m.p.h.) with gusts to 60 m.p.h. and lulls. Moderate intermittent drift.
	8	15	35	S.S.E.	Overcast with Nb. St.-Cu. low down in N.E. (Cloud 10.)	Moderate drift. Wind gusty with lulls.
	11	19	35	S.S.E.	Clouds as at 8 h. with patches of scud near N. to N.E. horizon. (Cloud 10.)	Moderate intermittent drift. Wind as at 8 h.
	14	21	30	S.S.E.	Sky covered at zenith with masses of Cu. moving W. to E. St.-Cu. up to 10° alt. W. through S. to E.N.E. Patches of Fr.-Cu. 6° alt. N.W. through N. to N.E. Clear patch of sky low down N.E. (Cloud 9.)	Light intermittent drift. Wind gusty with lulls. Sun gleaming.
	18-30	14	30	S.S.E.	St.-Cu. extending E. through S. to W. and N.E. to N.W. up to alts. 4°. Scattered Ci. above the St.-Cu. in S., and in N. Very faint Ci. lines in N.W., extending near zenith and crossed by Nb. and St. lines. Fleecy Ci. in E. 20° alt. (Cloud 1.)	Light surface drift. Wind gusty. Sunshine since 15 h.
	19-30	...	30	S.S.E.	Heavy St.-Cu. in S. Ci. and Ci.-St. covering N. sky and radiating from N. Sky clear at zenith and to the S. St.-Cu. in N.W. with Ci.-Cu. above. (Cloud 3.)	Light surface drift. Snow 6 inches deep on surface. Wind gusty. Sunshine.
	20-30	10	30	S.S.E.	St.-Cu. in S. as at 19-30 h. changing into Ci.-Cu. in E.S.E. Ci.-St. covering N. sky with Nb. and St. striations. (Cloud 3.)	Wind and drift as at 19-30 h.
14	...	...	...	...	.....	During the night wind increased with violent gusts (average 70 m.p.h.). Min. temp. 2.
	9-30	9	60	S.S.E.	Ci.-St. lines trending N.W. and S.E., faint at zenith and densest N.E. Low down S. sky obscured by drift. (Cloud 5.)	Moderate surface drift. Wind gusty. Sunshine all morning.
	11-30	11	60	S.S.E.	Clouds as at 9-30 h.	Drift, wind and sun as at 9-30 h.
	15	14	55	S.S.E.	Sky clear except bars Ci.-St. trending N.W. and S.E., dense N. sky. (Cloud 5.)	Moderate surface drift. Sunshine.
	18	5	55	S.S.E.	Sky partly covered with Ci.-St. radiant, trending N.N.W. and S.S.E., dense around horizon. (Cloud 7.)	Moderate surface drift. Wind slightly gusty. Sunshine through clouds.
	20	4	60	S.S.E.	Clouds as at 18 h.	Drift and sunshine as at 18 h.
	22	...	60	S.S.E.	Clouds as at 18 h.	Drift as at 18 h. Aner. bar. 26.70.
15	...	...	...	...	.....	During the night S.S.E. wind increased (average 75-80 m.p.h.) with violent gusts and moderate surface drift.
	7	-1	75	S.S.E.	Ci.-St. radiant extending N.N.W. to S.S.E., dense around horizon. (Cloud 9.)	Moderate surface drift. Wind gusty. Sunshine.
	8	-1	75	S.S.E.	Ci. radiant extending N.N.W. to S.S.E. (Cloud 9.)	Drift and sunshine as at 7 h.
	10-30	2	75	S.S.E.	Ci. radiant as at 8 h. with a little Ci.-Cu. in N.W. (Cloud 9.)	Drift and sunshine as at 7 h. Aner. bar. 26.35.
	15	5	60	S.S.E.	.....	Light intermittent surface drift. Wind gusty. Sunshine.
	18	3	40	S.S.E.	Ci.-St. radiant, extending N. by W. to S. by E., in E. fleecy with cross lines trending E. by N. and W. by S. Patch Ci.-Cu. low down W.N.W. and bar Cu. near horizon N.E. (Cloud 7.)	Surface drift ceased (a little during gusts). Sunshine.

Table XVII—continued.

REGISTER OF THE NEAR EAST PARTY FROM WINTER QUARTERS, CAPE DENISON.

Date.	Hour.	Temperature (deg. Fah.).	Wind.		Cloud.	Remarks.
			Miles per hour.	Direction.		
November. 15	20	...	...	...	.....	Aner. bar. 26-30.
	21	-4	40	S.S.E.	Patches St.-Cu. low down N.W. and S.E. Ci.-St. near horizon N.E. through E. to S.E., a patch in S. and along W. to S.W. horizon. (Cloud 0.)	Very light surface drift. Sunset.
16	...	...	...	...	.....	During the night S.S.E. wind (average 35 m.p.h.), gusty with lulls. Min. temp. -13.
	6	-6	35	S.S.E.	Bank of St.-Cu. up to 7° alt. N.E. through N. to N.W., with patches Ci. above, W.N.W. to N.W. and N. (Cloud 1.)	No drift. Sunshine.
	8-30	-3	35	S.S.E.	Clouds as at 6 h.	No drift. Sunshine.
	12	0	30	S.S.E.	St.-Cu. to 5° alt. W.N.W. to E.N.E. Bar Cu. N. to S.E. 4° alt. Ci. above the St.-Cu. extending E. to W. up to 15° alt. (Cloud 0.)	No drift. Sunshine.
	14	...	...	...	.....	Aner. bar. 25-975.
	14-30	2	10	S.S.E.	St.-Cu. heavier along W.N.W. through N. to S.E. horizon. Ci. (since 12 h.) in all directions, with whisps in N.W., now forming a radiant practically covering sky N.W. to S.E. (Cloud 5.)	Calms at intervals. No drift. Sunshine.
	18	1	Calm.	...	Ci.-St. radiant in lines N. and S. St.-Cu. W.N.W. through N. to E. horizon. F.-Cu. low down E. (Cloud 5.)	No drift. Sunshine.
	19 19-30	...	0	Calm.	...	Aner. bar. 25-85. Ci.-St. radiant as at 18 h. Sky overcast lower, with Nb. (cloud 10) moving rapidly to W.	No drift.
21	1	5	S.S.E.	Clouds as at 19-30 h.	No drift. At 22 h. light snow fell. During night wind S.S.E. (5-10 m.p.h.).	
17	8	5	10	S.S.E.	Overcast N. (Cloud 10.)	Light drift. Sunshine. Min. temp. -3.
	12	12	10	S.S.E.	Clear sky S.E. horizon. Overcast N. Cu.-Nb. around horizon. "Water sky" N. (Cloud 9.)	No drift. Sun obscured.
	15	9	10	S.S.E.	Clouds as at 12 h.	No drift. Sun obscured.
	16	...	10	S.S.E.	Nb. changing to A.-Cu. moving N.W. to S.E. Sky clearing E. to S.S.E. hor.	No drift. Sun obscured.
	18-30	4	10	S.S.E.	Sky clearer; clouds as at 16 h. (Cloud 8.)	No drift. Sun obscured.
	20	2	10	S.S.E.	Sky still clearing. Clear E.N.E. through E. to S. to 5° alt. A.-Cu. moving N.W. to S.E. (Cloud 7.)	No drift. Sun obscured.
18	3-30	...	...	...	A.-Cu. in patches over sky. (Cloud 3.)	During night S.S.E. wind (average 10 miles per hour). Sunshine. Min. temp. -9.
	6	...	...	...	.....	Aner. bar. 26-15.
	6-30	6	15	S.S.E.	Fr.-Cu. W.N.W. through N. to E.N.E. near horizon. (Cloud 0.)	No drift. Sunshine.
	9	11	15	W.	St.-Cu. and Fr.-Cu. up to 5° alt. E. through N. to W. (Cloud 0.)	No drift. Sunshine.
	13	16	15	W.	Ci.-Cu. has risen to zenith from the N.W. St.-Cu. bank low in N. (Cloud 2.)	Aner. bar. 26-67. No drift. Sunshine.
	15	...	Calm to 5.	W.	Sky covered with Ci.-Cu. radiating from W. by N. to zenith. (Cloud 8.)	No drift. Sun gleaming since 13-30 h.
	16	17	Calm to 5.	W.	Clouds as at 15 h.	No drift. Sun gleaming.
	17	Sky clearing in W. Clear E. to S.W. through S. horizon.

Table XVII—continued.

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Date.	Hour.	Temperature (deg. Fah.).	Wind.		Cloud.	Remarks.
			Miles per hour	Direction.		
November. 18	18	15	Calm to 5.	W.	Ci.-Cu. radiant extending W. by N. to E. by S., faint at zenith and towards S., moving W. by N. to E. by S. Clear sky E. through S. to S.W. hor. (Cloud 8.)	No drift. Sun shining since 16-30 h.
	21-30	7	Calm to 5.	W.	Clouds as at 18 h.	No drift. Sun setting. Calm to light airs during night.
19	7	13	Calm.	...	Ci. radiant extending N.W. to S.E. (faint at zenith). Few scattered patches of Ci. around horizon. (Cloud 5.)	Sunshine.
	10	15	5	N.N.W.	Sky covered with Ci. (radiant cleared except at zenith, very faint N.W. and S.E.). Nb. and St. cross lines at zenith; rest of Ci. in all directions. Motion N. by W. to S. by E. Bank of misty cloud along N. by W. through N. to E.N.E., appears to be moving N.W. to S.E. (Cloud 5.)	Sunshine.
	11	...	5	N.W.	Ci. at zenith, motion as at 10 h. The low misty cloud (noted 10 h.) moving rapidly N.W. to S.E. and now near zenith, and by 11-30 h. the sky covered.	Sunshine.
	13	22	5	N.W.	Clouds as at 11-30 h.	Sun gleaming.
	15	21	Calm.	...	Ci.-St. in N.W. to 40° alt., main trend in lines N. and S. Bank of Cu. W. by S. through S. to E.N.E. to 5° alt. The Cu. lowering since 14 h. (Cloud 1.)	.....
	18-30	14	Calm.	...	Cu. on horizon N.W. through N. to E. (Cloud 0.)	.....
20	21	5	5	S.W.	Sky Clear.....	.....
	22	...	...	...	.....	Light gusts, 25 m.p.h. During the night a small amount of drift with light breezes.
	9	...	50	S. by W.	.....	Heavy local drift.
	10-30	16	25	S. by W.	Low Fr.-Cu. extending from 30° alt. N.W. through zenith to 30° alt. S.E., moving in all directions, generally S.S.E. (Cloud .)	Wind from all directions generally S.S.E. Light drift S.S.E. through N. to N.W. on ridge (distance 5 miles). Heavy local drift ceased.
	11-30	...	5	S. by W.	.....	Light drift on ridge as at 10-30 h.
	...	...	...	...	.....	Between 11-30 h. and 14 h. S. by W. wind, gusty (average 40 m.p.h.) with light to heavy surface drift; cloud (Fr.-Cu.) cleared generally to N.W.
	14	16	35	S. by W.	Patch Fr.-Cu. 30° alt. N.W. (Cloud 0.)	Moderate surface drift.
	17	15	60	S. by W.	.....	Moderate and heavy surface drift during the afternoon.
	19	...	...	...	.....	S. by W. wind, 40 m.p.h.
	20	...	...	...	.....	S. by W. wind, 30 m.p.h.
	21	...	...	...	.....	S. by W. wind, 20 m.p.h.
	21-30	5	20	S. by W.	Ci.-St. up to 5° alt. W. to N. since 18-30 h. (Cloud 0.)	Very light surface drift.
21	22	...	...	...	.....	Sunshine all day. Southerly light airs with light surface drift.
	6	6	Light airs	S.	Few patches gauzy Ci. in zenith and N. sky, Ci. wisps in S. in lines N. and S. In zenith trending S.W. and N.E. Ci. moving S.W. to N.E. Bank of St. up to 3° alt. W. through N. to E.N.E. (Cloud 1.)	During night southerly light airs. No drift.

Table XVII—continued.

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Date.	Hour.	Temperature (deg. Fah.).	Wind.		Cloud.	Remarks.	
			Miles per hour.	Direction.			
November. 21	8	...	...	...	.....	Ci. cleared.
	10	16	15	S.	Bank of St. up to 4° alt. N.W. through N. to E. (Cloud 0.)	No drift.	
	12	18	30	S.	Bank of St. as at 10 h. Patches of scud N. (Cloud 0.)	No drift.	
	14	16	40	S.	Bank of St. cleared. Patch of Cu. near horizon N. by W. (Cloud 0.)	Light surface drift. Wind gusty.	
	18	19	35	S.	Patches of Fr.-Cu. near horizon N. (Cloud 0.)	During afternoon St. Wind gusty, 35-40 m.p.h., intermittent light surface drift. Fr.-Cu. near horizon N. (Cloud 0.)	
	20	14	35	S.	Clouds as at 18 h.	Wind gusty. Light drift during gusts.	
	22	...	...	...	.....	Wind and drift as at 18 h. Sunshine all day.
	22	...	...	...	.....	S. wind 50-55 m.p.h. with surface drift since 20-30 h.
	22	3	S. wind 15 m.p.h.
	22	8	20	15	S.	Bar of Cu. low down N. horizon. Patches Ci.-St. near horizon S. (Cloud 0.)	No drift.
22	10	23	Calm.	...	Patches Fr.-Cu. forming in W., trending S.W. and N.E., and patch low down N.E. Cu. as at 8 h. (Cloud 1.)	.....
	10-30	...	...	...	.....	Light N. wind. Clouds generally moving to the S.
	11-30	...	...	...	.....	The low Fr.-Cu. cleared. Patches Ci.-St. on horizon W., and Cu. bar N. as at 8 h. (Cloud 0.) Light N. airs.
	13	27	20	S.	Overcast with A.-St. except clear sky to alt. 10° N. and in S.W. (Cloud 9.)	No drift.	
	15	24	25	S.	Overcast with Nb. (Cloud 10.)	Light drift commenced. Sun obscured (shining until 2 h.).	
	16-30	...	...	...	.....	S.S.E. wind 35 m.p.h., heavy drift. Nb. moving rapidly S.S.E. to N.N.W. Sun gleaming.
	18	22	20	S.S.E.	Patches St.-Cu. N.W. and N.E. (the N.E. patch trending S.S.E. and N.N.W., moving S.S.E. to N.N.W.) and up to 10° alt. S. to N.N.W. (Cloud 1.)	Light surface drift. Sunshine.	
	21	14	25	S.S.E.	St. N. horizon. (Cloud 0.)	Moderate surface drift.	
	22	...	...	...	.....	Conditions as at 21 h.
	23	Between 2 h. and 7 h. southerly wind 70 m.p.h. and abated a little. Heavy surface drift during high wind, after 7 h. lightened.
12		20	40	S.	Sky obscured by drift	Moderate to heavy drift. Sunshine.	
14		...	...	...	.....	Drift ceased.
15		25	30	S.	Patch Ci.-St. up to 10° alt. S. to E., trending N.E. and S.W. and rising, and patch 40° alt. N. (Cloud 0.)	Wind gusty. No drift. Sunshine.	
16-30		...	...	...	.....	Calm. (Wind abating since 15 h.).
18		24	Calm.	...	Ci. radiant in lines N.E. to S.W. Clear up to 10° alt. N.W. (Cloud 4.) Spreading from S.E. to N.W. since 15 h.	No drift. Sunshine.	
19		Light airs from E. and N.E. Ci. gauzy at zenith.	
20		Calm.	

Table XVII—continued.

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Date.	Hour.	Temperature (deg. Fah.).	Wind.		Cloud.	Remarks.
			Miles per hour.	Direction.		
November. 23	21	17	20	S.	Ci. radiant over sky, N.E. to S.W., moving N.E. to S.W., heavy round horizon. Lower cloud Cu.-Nb., 45° alt. E. to N. (Cloud 6.)	Little surface drift.
	22	...	...	...	.....	Wind and drift as at 21 h. During the night southerly wind increased (55-60 m.p.h.) with drift.
24	...	...	...	...	.....	Wind abating during morning.
	12	22	30	S.	Ci. over sky in all directions, in E. trending N. and S. (Cloud 4.)	Light surface drift. Sunshine.
	14-30	23	40	S.	Clouds as at 12 h.	Light intermittent drift. Sunshine.
	17-30	18	40	S.	Clouds as at 12 h.	Drift and sun as at 14-30 h.
	19	...	45	S.	Clouds as at 12 h.	Intermittent surface drift. Sunshine.
	21	12	40	S.	Ci. over sky, in S.E. trending N.E. and S.W., dense in N.W. Bar of Cu. near N.E. horizon. (Cloud 5.)	Drift and sun as at 19 h.
25						During night southerly wind 35 m.p.h. very light surface drift.
	9-30	16	30	S.	Bar of Cu. N. to E.N.E.; 2° alt. A.-Cu. over sky, moving to S.S.E. Clear sky on S.S.E. horizon. (Cloud 9.)	Very light surface drift. Sun gleaming. (Little surface drift during morning.)
	12-30	17	25	S.	A.-Cu. as at 9-30 h., motion to E.S.E. Clear sky up to 5° alt. S.E. (Cloud 9.)	Sunshine at intervals. No drift.
	14	...	...	...	.....	Clouds as at 12-30 h. with clear sky S.E. near zenith; motion to E.S.E. (Cloud 9.) Sun and drift as at 12-30 h.
	16	21	20	S.	Clouds as at 12-30 h. stratified round horizon. Motion to E.S.E.	No drift. Sun gleaming.
	18	18	10	S.	Overcast A.-St., stratified round horizon. Heavy bank N.E. to E., near horizon. Few patches Fr.-Cu. N.W. through N. to E. (Cloud 9.) Clear sky E. to S. horizon.	No drift. Sun obscured.
	21	15	Light airs.	S.	Overcast with A.-St., dense, stratified around horizon; clear patch E. to S. over plateau. Fr.-Cu. patch N.W. 15° alt. Bank of St.-Cu. on horizon N. to E. St.-Cu. E. to S.W., near horizon.	No drift. Sun obscured since 18 h.
26						During night S. wind increased to 25 m.p.h. with surface drift.
	...	...	...	...	.....	Between 2 h. and 8 h. S. wind 25 m.p.h.
	8	15	25	S.	Overcast with A.-St. Clear patch on horizon S. to S.W. Stratified on N. horizon. (Cloud 9.)	No drift.
	10	20	25	S.	Sky covered with A.-Cu. moving from N. Clear W.N.W. to S.E. up to alt. 30°. Densest E. to S. Stratified horizon W.N.W. to E. Clear S.W. to W.N.W. up to 10° alt. (Cloud 9.)	No drift.
	12-30	23	10	S.	Completely covered, heavy A.-Cu. Clear patches on N. horizon. (Cloud 9.)	Sun gleaming. Wind steadily abating since 10 h. No drift.
	15	26	10	S.	Clouds as at 12-30 h.	Sun gleaming. No drift.
16-30	...	Light airs.	S.	A.-Cu. with lower series of Fr.-Cu., zenith to N.W., moving from S. to N.	Bright sun since 15 h. No drift.	
17-30	Clouds in N., formed radiant, cleared by 18 h.	Bright sunshine.	

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			Miles per hour.	Direction.		
November. 26	18	21	Light airs.	S.	A.-Cu. from N. horizon up to 30° alt. and S. hor. up to 10°. Patch of Ci. high up N.E. (Cloud 2.)	Bright sun since 15 h. During afternoon calm to light S. airs. No drift.
	19	...	...	...	Since 18 h. clouds in N. rising and forming radiant in N. to 10° S. of zenith, extending E. to W. Bank of St.-Cu. in S.W. and heavy bank near N.E. horizon. (Cloud 4.)	.....
	21	...	...	...	Cleared in zenith. Ci. formed high in N. to N.E., moving from N.W.	No drift.
	22	...	20	S.	.....	Bright sun during afternoon.
	22-30	15	20	S.	.....	Light airs since 18 h.
	27	3-30	...	40	S.	.....	No drift. Since 22-30 h. (26th) wind increased to 75 m.p.h. and gradually abated.
10-30		22	40	S.	Few patches of Ci.-St. N.W. to N.E. (Cloud 1.)	No drift.