

Table XVIII.

REGISTER OF THE NEAR EAST COAST SURVEY PARTY FROM WINTER QUARTERS,
CAPE DENISON.(December 9th, 1912, to January 5th, 1913.) Recorder: *C. T. Luseron.*

Date.	Hour.	Temperature (deg. Fah.).	Wind.		Cloud.	Remarks.
			Miles per hour.	Direction.		
December. 9	23	19	35	S.	A bank of Nb. extended from the N. round through the W. to the S. about 7° up. A heavy patch of Cu.-Nb. in S.E. Ci.-St. above the Nb. in the N.	Moderate surface drift; 5½-mile cave.
10	18	22.2	...	...	.....	5½-mile cave.
	21-30	18.3	30	S.	Ci. over most of sky. Cu.-Nb. on northern horizon.	Light surface drift.
11	7	16	40	S.S.E.	{ Ci. over whole sky and irregular. St.-Cu. on N. horizon 1° up. Ci. radiant N.E. and S.W., moving S.W. St.-Cu. bank has now risen to 3° along the N. horizon.	5½-mile cave.
	10-40	21.4	...	...
	11-30	...	...	...
	14	23	25	S.S.E.	Ci. radiant moved S.	Light surface drift.
	16	23	...	...	Ci. on N. horizon S.E. and S.W., 4° up. St.-Cu. on N. horizon extending from N.W. to E., 7° up. Remainder of sky clear. Wind about 25 S.S.E.	.....
	18-30	20.4	20	S.	Clouds same as at 4 p.m. Ci. disappearing in S., merging into Fr.-Cu. to east.	No drift.
12	20-15	18	...	...	Bank of Ci. just visible in S. Also few wisps of Ci. in south.	14-mile camp.
	7-30	14.2	25	S.	Southern sky clear. Ci. over N. half sky, trending S.E. and N.W. Patch of A.-Cu. in N.E. to E. Bank of St.-Cu. on N. horizon 2° up.	14-mile camp. Light surface drift from S.S.E.
	9-40	...	...	...	Ci. radiant E. to W. A.-Cu. in N.E. ...	.....
	11	20.1	30	S.S.E.	Ci. visible on S. horizon. St.-Cu. coming up from N.E. reaching zenith, moving S.W.	Very light surface drift.
	12	21.2	30	S.S.E.	Sky clear with exception of Ci.-St. low on S. horizon and bank of St.-Cu. in N. 12° up.	Light surface drift.
	15	20.8	...	...	Ci. bank just visible on S.E. horizon. Bank of St.-Cu. in N. sky receded to 6° up. Ci. in N. and zenith forming a N. and S. radiant.	.....
	16-25	20.8	20	S.S.E.	Northern half sky covered with Ci. radiant moving E.S.E.	No drift.
	18	18.8	30	S.S.E.	Sky clear in S. Rest of sky covered with Ci. radiant presented a conf. appearance but some wisps appear to travel south.	Light surface drift. At the 24-mile camp.
	20-25	16	30	S.E.	Bank of St. on N. horizon. Ci. radiant over whole sky, pointing E.N.E.	24-mile camp. Light surface drift.
	13	8-30	16.2	40	S.S.E.	Sky obscured .....	24-mile camp. Heavy drift.
18		22	30	S.S.E.	Sky obscured	24-mile camp. Heavy drift.
14	8-10	13	15	S.S.E.	Bank of Cu. on E. and N. horizons, very low. Rest of sky clear with exception of wisps Ci. on N. half.	24-mile camp. Light drift (surface).
	9-55	15.2	20	S.S.E.	Bank of Cu. on N. horizon from N.W. to E. very low. A few wisps of Ci. in zenith.	Light surface drift.
	12	20.6	15-20	S.S.E.	Belt of Cu. very low on horizon, stretching from N. to E. Patch of Ci. in W.	Light surface drift.

Table XVIII—continued.

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CAPE DENISON.

Date.	Hour.	Temperature (deg. Fah.).	Wind.		Cloud.	Remarks.
			Miles per hour.	Direction.		
December. 14	14-50	19.4	Calm.	...	A few wisps of Ci. in W. and N.W. Bank of Cu. very low on horizon. N.W. to E. sky, otherwise clear.	.....
	16-30	24	Calm.	...	Sky clear with exception of bank of St.-Cu. very low on horizon, stretching E. to W. Patch of Ci.-St. in W. 1° above horizon.	.....
	21-15	9	Light airs.	S.	Sky clear with exception of bank St.-Cu. on horizon as at 16-30 h.	Nunatak camp.
15	9-30	16	Light airs.	S.	Sky clear except for Cu. bank in N. hor.	Nunatak camp.
	14-30	17	10	...	Sky clear except for Cu. bank in N.	Bright sun.
	18	15.6	Light airs.	S.	Patch of Ci.-St. about 8° up in N. ....	.....
	20-40	11.2	...	...	Sky clear except for bank of Cu. about 1° up from N. to E. Few wisps of Ci.-St. in N.	Camp 10 miles N. of Nunatak.
16	8-30	15.4	...	...	Sky clear except for bank of Cu. low in N. from E. to W. Patch of Ci.-St. in W. about 4° up.	10 miles N. of Nunatak.
	14	23	Light wind.	S.	Ci.-St. up to 12° from S. to N.W. Fr.-Cu. on N.W. to W. horizon and also in N.E.	.....
	16	25.2	...	...	Ci.-St. from N.W. across sky to S. 25° up. Fr.-Cu. on horizon from E. to W. through N.	Camp on coast due N. of Nunatak.
	18-50	24.2	Light airs.	S.	Sky clear except for patch of Fr.-Cu. in W. 6° up. Similar patch in E. Ci.-St. low on N. horizon with Cu. showing beneath.	.....
	20	17.8	Light airs.	S.	Sky clear with exception of bank of Fr.- Cu. in N.W. about 4° up and similar patch in N., same elevation.	.....
17	8	24.2	Light breeze.	S.	Radiant of A.-Cu. from E. to W., and travelling W. Eastern half of sky clear.	Camp on coast due N. of Nunatak.
	11-55	29	Calm.	...	Ci.-Cu. in zenith and St. travelling E. Faint Ci.-St. radiant above, running E. and W. Heavy Cu. from N. to S.E. about 10° above horizon.	.....
	17-20	...	Light breeze.	S.	Few patches of Ci.-St. in N., N.W. and N.E. Bank of Cu. just visible on N. horizon.	.....
	21	22.5	Light airs.	S.	Bank of Ci.-St. on N. horizon from N.E. to N.W. about 4° up. Few wisps of Ci.-St. low in W.	.....
18	8	19.2	30	S.S.E.	Sky clear except for Ci. on N. horizon up to 10°.	Light surface drift.
	12	25.4	20	S.E.	Sky mostly clear. Patch of Fr.-Cu. in W. about 3° up. Bank of Cu. from N. to E. low down on horizon. Patch of Ci.-St. in N. and bank of same in N.E.	.....
	19	...	Light breeze.	S.	Sky clear except for belt of Fr.-Cu. in N.E. about 15° up.	.....
	21	16.8	...	...	Sky almost clear. Belt of Fr.-Cu. in N.E. receded and just visible above horizon.	Camp 3 miles W. of previous camp.
	24	12.1	25	S.	Sky clear except for patch of Cu. low in N.E.	Very light surface drift.
19	11-30	24	Light breeze.	W.	Belt of Fr.-Cu. low on N.E. horizon. Sky otherwise clear.

Table XVIII—continued.

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CAPE DENISON.

Date.	Hour.	Temperature (deg. Fah.).	Wind.		Cloud.	Remarks.
			Miles per hour.	Direction.		
December, 19	12	...	...	...	Clouds same .....	.....
	13-50	...	...	...	Sky clear except for patches of Fr.-Cu. on N. horizon.	.....
	16-40	...	...	...	Clouds same .....	.....
	20-30	...	...	...	Sky clear .....	.....
	21-30	17-8	Light wind.	S.	Sky clear	Same camp as on Dec. 18.
20	8-30	24	Light breeze.	S.	Belt of Fr.-Cu. on N. horizon W to N.E. Sky otherwise clear.	.....
	10-20	...	...	...	Radiant A.-Cu. from W. extending nearly to E. horizon. Clouds moving W. to E. Same bank of Fr.-Cu. on N. horizon.	.....
	12-20	25-5	Light airs.	N.	A.-Cu. radiant nearly gone. Few pat- ches scattered over S. half sky. Bank of Cu. in N. low on horizon. Patch of Ci.-St. in N.E. about 5° up.	.....
	14-45	27-2	Light airs.	N.	Sky clear except for bank of Cu. low on N.W. horizon and faint Ci.-St. low on N.E. horizon.	.....
	17-15	...	...	...	Sky clear except for low Cu. bank on N.W. horizon.	.....
	21-5	11-2	20	S.S.E.	Sky clear except for a faint bank of Cu. on N.W. horizon and a higher layer of Ci.-St. extending from N.E. to N.W.	Camp 3 miles E. of first camp on coast. Light surface drift.
21	9	24-5	20	S.S.E.	Sky clear with exception of bank of St.-Cu. on N. horizon up to 8°, ex- tending from W. to E.	.....
	11-50	...	10-15	S.S.E.	Southern sky clear. A.-Cu. in N. 45° up, moving E. Much heavier towards N. horizon. Bank extends from E. to W.	.....
	12-50	25-5	...	...	A.-Cu. in prev. obs. is nearly evaporated. Bank of St.-Cu. on N. horizon about 5° up, extending from E. to W.	Wind increasing. Low surface drift.
	19	20-1	40	S.E.	Cross radiants of Ci. near zenith. N.N.W.-S.S.E. and E.S.E.-W.N.W. Former is the lower and is moving E. The second (higher) to S.	Surface drift. Camp 2½ miles further East than that of the 20th.
22	11	20	50	S.S.E.	Sky overcast	Moderate to thick drift.
	12	...	...	...	Conditions as at 11 h. ....	.....
	17	24	...	...	Conditions same .....	.....
23	9-30	25	30	S.S.E.	A.-Cu. radiant in zenith from N. St.-Cu. on S. and E. horizons. Clear sky Light drift above. Nb. to N.W.	Same camp as 22nd.
	14	25-8	35	S.S.E.	Sky heavily overcast with nimbus	Light drift. Snowing in east.
	20	24-7	20-30	...	No sky visible	Thick drift.
24	11	25-8	20-30	...	Sky overcast	Drift moderate. Snowing in near vici- nity.
	17	27-4	10	...	Sky overcast	A little surface drift.
	23	29	Light airs.	S.	Sky overcast with Nb. in W. and N. Broken in zenith, showing Ci.-Cu. radiant from E.N.E.	Same camp as 23rd. Snowing lightly.
25	11	27-2	10	S.E.	Sky overcast with Nb.; clear on E. horizon and S.E.	Snowing out to sea. Light surface drift. Occasional flakes of snow falling.
	17	...	...	...	Between 14 h. and 17 h. sky rapidly cleared from S., clouds moving to N. At 17 h. sky is clear with exception of faint belt of Ci.-St. low on N. horizon.	Same camp as 24th.

Table XVIII—continued.

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

Date.	Hour.	Temperature (deg. Fah.).	Wind.		Cloud.	Remarks.
			Miles per hour.	Direction.		
December. 25	19	22	30	S.S.E.	Conditions as at 17 h.	Light surface drift.
	20	19.8	...	...	Conditions as at 19 h.	
26	9	24	40-50	S.S.E.	Sky overcast	Surface drift.
	16	24.1	50	S.S.E.	.....	Moderate surface drift.
	18	23.2	...	...	Conditions same	Same camp as 25th.
27	12	24	50	S.S.E.	Ci. scattered over whole sky	Same camp as 26th. Light surface drift.
	14-30	26.5	30	S.S.E.	Isolated patches of Ci. over whole sky	
	18	26.4	15-20	S.S.E.	Patches of Ci. over whole sky moving N.N.W.	No drift.
	22-30	...	...	...	Strong Ci. radiant from N.N.W. ....	.....
	23-30	21.6	25	S.S.E.	Clouds same as at 22-30 h.	Camp near Loc. D. No drift.
28	8-40	23	25	S.S.E.	A.-Cu. radiant from S.W. Clouds mov- ing N.E.	Camp near Loc. D.
	14-30	24.8	20	S.S.E.	Strong Ci. radiant from W.	
	15-30	...	...	...	Heavy bank of Cu.-Nb. on N. horizon about 6° up. Ci. in W. and N., also from S. to E. Zenith clear. ....	.....
	18-30	23.8	20-25	S.S.E.	Cu.-Nb. in N. as at 15-30 h. Ci. St. in W. up about 25°. Ci. in zenith moving E. to W.	Camp near Loc. E. and F.
29	12-45	18.5	20	S.S.E.	Ci.-St. in zenith and S. St. in west	Camp near Loc. E. and F.
	10-20	24.1	...	...	Ci. radiant from N.	
	18	24.2	15	S.W.	Strong Ci. radiant from N.N.E. ....	.....
	21-30	21.7	Calm.	...	Clouds as at 6 p.m. ....	.....
30	6	19.5	Light airs.	S.	Ci. radiant from N.	Camp near Loc. E. and F.
	13-30	28.8	Calm.	...	Ci. radiant from N.	
	17-30	25.5	Light breeze.	W.	Ci. radiant from N., lines showing flexing in places to E. ....	.....
	19-50	17	Calm.	...	Ci. radiant from N. Ci. showing above	Camp 5 miles W. of previous camp, Loc. E. and F.
31	7	...	Light breeze.	S.	Sky overcast but clear on E. horizon...	Camp 5 miles W. of Loc. E. and F.
	9	...	...	...	Sky clear except for A.-Cu. radiant from S.	
	10	19.8	30	...	Bank of St.-Cu. in N. about 3° up. Ci.-St. in N.W. about 4° up from horizon. A.-Cu. radiant as at 9 h.	Wind increasing. Light surface drift.
	11	...	...	...	A.-Cu. scattered over whole sky, moving rapidly to N.N.W. Ci.-St. in N. about 5° up. ....	.....
	13 19	21 19.8	30 Light breeze.	S.S.E. S.	Overcast	Snowing. Camp 7 miles W. of Loc. E. and F. Snowing.
1913. January. 1	10-15	21.2	25	S.S.E.	Sky overcast.....	Camp 7 miles W. of Loc. E. and F. Snowing.
	18-30	20.5	...	...	Sky overcast	
	19-30	...	...	...	.....	Snowing heavily. Drift very thick.
2	10	...	30	S.S.E.	.....	Same camp. Snowing and thick drift.
	17	21.5	25	...	Sky obscured by thick drift	
3	10	24	15-20	S.S.E.	Sky heavily overcast	Same camp. Snowing.
	17	24	15-20	...	Sky more broken. Ci. radiant E. to W. showing above Nb.	

Table XVIII—continued.

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

Date.	Hour.	Temperature (deg. Fah.).	Wind.		Cloud.	Remarks.
			Miles per hour.	Direction.		
December. 4	6-30	...	15	S.	Sky clear in zenith. Fr.-Cu. in N.W. just above horizon. Cu. in S. about 60° up. Ci.-St. on S. and N. horizon. St. on E. horizon.	Camp 7 miles W. of Loc. E.
	11	21	25	S.	Sky overcast with A.-Cu. moving W....	Light surface drift.
	14	23	...	...	A. Cu. over N. half sky. S. part clear. Strong "water sky" in N.	Light surface drift.
	16-20	19-1	...	...	A.-Cu. covering most of sky. Clouds travelling west.	.....
	19-30	15-2	20	S.	Heavy bank of St.-Cu. on N. horizon, stretching from W. to S.E. about 6° up. Few patches of A.-Cu. in zenith.	Camp 5 miles due W. of Nunatak.
5	6-30	14-7	25	...	Sky overcast	5 miles due W. of Nunatak. Light surface drift.
	11	19-2	35	...	.....	Moderate drift. Foggy with a little snow.
	13-30	...	...	...	.....	Wind increasing.