

## METEOROLOGICAL OBSERVATIONS EN ROUTE.

Cistern barometer No. 1609 and thermometers, by James Green, New York—Aneroid barometer—Observers, Mr. J. J. Major and Private Michael Foley, United States Army.

Detached thermometers.		Cistern barometer No. 1609 and thermometers, by James Green, New York—Aneroid barometer—Observers, Mr. J. J. Major and Private Michael Foley, United States Army.											
Dry.	Wet.	Station.	Date.	Time.	Barometer.	Thermometers.		Reading of barometer.	Wind.		Clouds.		
						Attached.	Detached.		Direction.	Force.	Amount.	Kind.	
48.5	42.0	Pikmiktalik .....	1869, July 4	A. M.		°	°						
44.0	39.0			9 00	An.	57.0	29.810	N. N. W.	3	4	Cir. strat. cum.;		
46.5	42.0			P. M.				N.	3	6	mild.		
47.0	43.0			4 00	An.	66.5	.790				Cir. strat. cum.;		
47.7	43.5			9 30	An.	65.0	.600		0	6	mild.		
46.2	42.0	Coatlik .....	July 5	A. M.									
48.3	44.2			9 00	An.	68.0	29.800	S. W.	2	2	Cir. nim.		
50.0	45.0	Aphoon Outlet.....	July 5	P. M.									
50.0	45.0			3 00	An.	68.0	.755	S. S. E.	4	2			
48.0	43.0	Yukon River .....	July 6	9 00	An.	70.5	29.825	S.	3	2	Nim.; rain.		
50.0	44.0			12 M.	An.	66.0	.810	S. E.	1	2			
50.5	46.0			P. M.									
53.5	47.5			3 00	An.	64.5	.800	S. E.	3	6	Raining slightly;		
53.5	46.5	Right bank of Yukon, near Andreavsky.	July 7	9 00	An.	60.0	.800	S. E.	1	2	Raining slightly;		
49.8	45.0			6 30	1609	54.5	55.0	29.729	S. E.	3	2	Nim.; raining	
49.7	43.3			A. M.									
52.3	47.5			6 30	An.			.790			slightly.		
52.0	46.5			7 00	1609	53.5	55.5	.728	S. E.	4	2	Nim.	
50.5	46.0			7 00	An.			.790					
51.0	45.7			7 30	1609	53.5	55.5	.732	S. E.	5	2	Nim.	
54.5	48.7			7 30	An.			.800					
54.0	48.0			8 00	1609	54.0	56.0	.732	S. E.	5	2	Nim.	
49.7	45.5			8 00	An.			.800					
47.5	43.5	Right bank of Yukon, above Andreavsky.	July 7	P. M.									
52.5	46.3			2 30	An.	62.0	.820	S. E.	4	2	Nim.		
51.3	45.4	Yukon River .....	July 7	9 00	An.	62.0	.820	S. W.	2	2	Nim.		
48.0	42.5			A. M.									
51.0	46.0	Right bank of Yukon	July 8	9 00	An.	68.0	29.800	S. E.	4	2	Nim.		
52.0	46.5			12 M.	An.	62.0	.800	S. E.	2	2	Nim.; rain.		
52.0	47.0			P. M.									
48.0	43.0			3 00	An.	62.5	.790	S. E.	1	2	Rain'g very hard.		
50.0	45.0	Yukon River .....	July 8	6 00	An.	54.5	.810	S.	1	2	Nim.		
54.0	48.0			8 00	1609	49.0	59.5	.767	N. W.	3	5	Cum. cir.	
51.5	44.5	Right bank of Yukon	July 8	8 15	1609	49.0	50.0	.770	N. W.	3	5	Cum. cir.	
				8 30	1609	48.5	49.5	.772	N. W.	4	5	Cum. cir.	
				9 00	1609	48.0	49.0	.774	N. W.	4	3	Cum. cir. strat.	
				A. M.									
		Yukon River .....	July 9	9 00	An.	62.5	29.950		0	3	Cum. cir. strat.		
				12 M.	An.			.925					
				P. M.									
				3 00	An.	58.0	.910	N. E.	1	2	Nim.; rain.		
		Right bank of Yukon, near Mission.	July 9	6 00	An.	54.5	.900		0	2	Nim.; rain.		
				9 00	1609	47.0	48.5	.841		0	2	Nim.; sprink'g	
				9 15	1609	46.0	47.0	.843		0	2	Nim.; sprink'g	
				9 30	1609	45.5	47.0	.843					
		Yukon River .....	July 10	A. M.									
				9 00	An.	61.0	61.0	30.250	N.	3	4	Cum. cir.	
		Right bank of Yukon, above Mission.	July 10	10 30	1609	57.0	60.0	29.933	N.	3	7	Cum. nim.	
				10 45	1609	57.0	60.0	.930	N.	2	7	Cum. nim.	
				11 00	1609	58.0	61.0	.936	N.	2	7.5	Cum. nim.	
				11 15	1609	56.5	60.5	.933	N.	2	7.5	Cum. nim.	
		Yukon River .....	July 10	12 M.	An.	74.0	30.000	N.	1	7	Cum.		
				P. M.									
				3 00	An.	65.0	30.000	N.	2	7	Cum. nim.		
				6 00	An.	66.5	.010		0	7	Cir. strat.		
		Right bank of Yukon.	July 10	7 15	1609	59.0	63.0	29.929		0	7	Cir. strat.	
				7 45	1609	55.5	58.5	.913		0	6	Cir. strat.	
				8 00	1609	54.0	57.0	.913		0	6	Cir. strat.	
				8 30	1609	53.5	56.0	.912		0	6	Cir. strat.	
				9 00	An.	72.0	30.048		0	2	Cir. strat.		
				A. M.									
		Left bank of Yukon, near Anvik.	July 11	9 00	An.	75.0	30.048	N. W.	2	2	Cum. strat.		
				12 M.	An.	72.0	.040		0	2	Cum. strat.		

Detached thermometers.

Dry.	Wet.
°	°
47.0	41.0
52.0	45.0
52.5	45.0
53.0	45.5
53.0	45.5
53.0	45.5
53.5	45.5
52.5	46.0