

Supplementary Material 7

Herman Beckler. Meteorological observations made at Koorliatto Creek 6 April to 20 May. 1861, 12 pp. Records of the Burke and Wills Expedition. 1857-75. [manuscript]. State Library Victoria. SLV. MS13071. Box 2082/5(e).

Transcribed by Beverley Wood and Thomas A. Darragh.

Herman Beckler. Meteorological observations¹ made at Koorliatto Creek 6 April to 20 May. 1861

NOTE: An. = Aneroid; Th., Therm. = Thermometer; Det., Detach. = Detached

[p2.]	Meteorological observations* at Koorliatto Creek. Aneroid 19884			
April 6.	Sunrise.	An. 2948,25.	Therm.68.	Calm. No clouds.
	9 a.m.	An. 2960.	Therm.88	
	Noon.	An. 2952,50.	Therm 90.	Wind SSE. A few solitary clouds (cumuli) on the horizon S & SSE. They seem to disappear again.
	4 p.m.	An. 2948.	Therm 94.	Wind WSW. Clouds low on the horizon from S – NW.
	Sunset.	An. 2946,0.	Therm 88.	Calm. A few clouds SW.
April 7.	Sunrise	An. 2944,75.	Therm 68.	Calm. No clouds.
	9 a.m.	An. 29540.	Therm 83.	Wind NW: 1
	Noon.	An. 2952,50.	Therm 91.	
	3 p.m.	An. 29510.	Therm 100	Wind NW. Clouds = 0
	Sunset.	An. 29470.	Therm 88.	Calm. Clouds = 0
April 8.	Sunrise.	An. 2950.	Therm 78.	Wind S: 4. Clouds 0. During the night a narrow bank of clouds to S.
	9 a.m.	An.29620.	Therm 89.	Wind S: 1, almost calm. Sky cloudless.
	Noon. ---			
	3 p.m.	An. 29560.	Therm 96.	Calm & Wind S: 1. Sky cloudless.
	Sunset.	An. 29570.	Therm 90.	Wind S: 4. Sky cloudless.
April 9.	Sunrise.	An. 29640.	Therm 68.	Wind S, 1. Cloudless
	9 a.m.	An. 29710.	Therm 87.	Wind SW, 2. Cloudless
	Noon.	An. 29690.	Therm 89.	Wind SW, 3. Cloudless

¹ The data recorded has been placed in columns, to assist the reader. Beckler initially used an Aneroid Barometer with thermometer attached but stopped using it on May 5. He had introduced additional readings from a second barometer (with detached thermometer) on April 20 and continued the use of this barometer thereafter.

	3. p.m.	An. 29640.	Therm 90.	Wind SSW, 4. A few cirri to the south.
	Sunset	An. 29650.	Therm 84.	Wind SSW: 1. A few cirri-strati to the South.
April 10.	Sunrise.	An. 2970.	Therm 67.	Wind steady S; 4. Cloudless.
	9 a.m. -			
	Noon.	An. 29740.	Therm 86.	Wind S, 2. Cloudless.
	3 p.m.	An. 2968,50.	Therm 89.	Wind SSE, 2. Cloudless.
	Sunset.	An. 29660.	Therm 83.	Wind S, 1. Cloudless
[p3.] April 11.	Sunrise.	An. 2961,50.	Therm 59.	Calm. Cloudless.
	9 a.m.	An. 29690.	Therm 88.	Calm. Cloudless.
	Noon.	An. 29670.	Therm 93.	Calm. Cloudless.
	3 p.m.	An. 2962,50.	Therm 98.	Wind, SW, 2. Cirri-strati on the western horizon
	Sunset.	An. 29610.	Therm 91.	Wind W, 3 - 4. Bank of clouds from NW – E.
April 12.	Sunrise.	An. 29580.	Therm.74.	Bank of clouds N. Calm. During the whole night lightning to the N & NNE. Heavy storm clouds seen collected then in the evening, remaining to a late hour.
	9 a.m.	An. 2967,50.	Therm.86.	Wind SW; 1. Cirri S & N to W. Amount of clouds 1.
	Noon.	An. 29650.	Therm.93.	Wind NW, 1. Wind-trees & cirri NW-W. Amount cl, 3.
	3 p.m.	An. 2958,50.	Therm.97.	Thunderstorm from the North.
	Sunset.	An. 2954, 50.	Therm 91.	Calm. Heavy storm clouds from N - NW. Cumuli – W. Amount of cl, 5.
April 13.	Sunrise.	An. 2959,50.	Therm.73.	Calm. Cumuli, 2.
	9 a.m.	An. 2964,0.	Therm.81.	Wind NNW, 1. Cirri-strati, 2
	Noon.	An. 2961,50.	Therm 88.	Wind E:1-2. Wind-trees, cirri, 2
	3 p. m.	An. 2956,50	Therm 94.	Wind SW: 4-5. Cirri-strati, 8
	Sunset.	An. 2955,50.	Therm 87.	Wind W, 4. Cloudless – a few cirri-strati.
April 14.	Sunrise - --			
	9 a. m.	An. 2961,50.	Therm 86.	Wind E, 1 & Calm. Cirri, 2.
	Noon.	An. 29560.	Therm 88.	Wind SW. Cirri 1,50.
	3 p.m	An. 295,50.	Therm 91.	Calm. Sky cov. 9. Cirri, cirri-strati & Cumuli on the north horizon air sultry.
	Sunset.	An. 29470.	Therm 85.	Calm. Cirri-strati 2.
[p4.] April 15.	Sunrise.	An. 2944,50.	Therm.72.	Calm. Cirri-strati, 2.
	9 a.m.	An. 2950.	Therm.83,50.	Wind NE, 3. Cirri-strati, 8.
	Noon.	An. 2950.	Therm.93.	Wind N. Sky overcast. Cirri-strati.
	3 p.m.	An. 29450.	Therm 97.	Wind N, 4. Nimb. [Nimbus]. Cumuli. Sky overcast. Rain to the South. A little after three the wind from the N is increasing rapidly and heavy storm clouds with rain pass over us.
	Sunset -- -			
April 16.	Sunrise.	An. 2945,50.	Therm.75.	Calm. Cirri.
	9 a.m.	An. 2954,50.	Therm.84.	Sky overcast. Wind N, 1. Nimb. [Nimbus]
	Noon.	An. 2954,50.	Therm. 87.	Wind NNW, 3. Sky overcast. Nimb. [Nimbus]
	3 p.m.	An. 299,50.	Therm.86.	Wind NW b. [by] W, 2 - 3. Sky overcast. Gusts of wind. Cirri. Cumul. [Cumulus]. Nimb. [Nimbus]
	Sunset.	An. 2953.	Therm.81,50.	Calm. Sky overcast, rain threatening.
April 17.	Sunrise.	An. 295,50.	Therm.76.	Calm. Sky overcast. Towards the east in morning a little rain. The night was calm, the sky overcast.
	9 a.m.	An. 29530.	Therm.81	Wind NNW, 1. Sky overcast, sun visible, cirri-nimb. [cirri-nimbus].
	Noon.	An. 2953,50.	Therm.82.	Wind. W. 3-4. Heavy clouds threatening rain.
	3 p.m.	An. 29480.	Therm.85,50.	Wind. NW. Gusts of 6-7 form. Heavy storm clouds

				isolated W & NW. N and NE horizon light. Above the storm clouds a continuous layer of cirro-strati.
	Sunset.	An. 2948,50	Therm.82.	Wind W, 6, with gusts. Rain and heavy clouds to the W and NW. Horizon light to the S & SW. Nimb. [Nimbus] North.
April 18.	Sunrise.	An. 29670.	Therm.59	Wind. S, 1. Radius-like cirri fine wind trees air very firm & fresh, a complete change. The squall last evening was followed by a clearer sky, with a haze
[p5.]				in the W. and a large corona round the moon. A storm wind from the W. cleared the whole of the sky in the early morning.
	9 a.m.	An. 2977,50.	Therm.62,50.	Wind S, 4-5. with gusts, SSE. Sky cloudless except a few Cirro-strati, NNE. Air beautifully fresh & clear.
	Noon.	An. 29731.	Therm. 69.	Wind S, 4-5. Sky cloudless.
	3 p.m.	An. 2967,50	Therm. 71.	Wind S. 4-5. A few thin thread-like cirri NW & W. A few cirro-cumuli S. Air transparent.
	Sunset.	An. 2967,50.	Therm.68.	Calm. Cirris from NW – S.
April 19.	Sunrise.	An. 2970,50.	Therm.50.	Calm. Cumuli. Cirri. am. [amount] of clouds 2.
	9 a.m. ---			
	Noon.	An. 2981,50.	Therm.78.	Wind S,1. Sky overcast, Cirro-strati & Cumulo-strati. Apparently an upper current from NE.
	3 p.m.	An. 2974,50.	Therm.77.	Wind S.1. Sky overcast, hazy, with dissolving cirro-strati SW & E. Light, well defined rounded cirri to the N.
	Sunset.	An. 29740,50.	Therm.77 71.	Wind S, 1 - 2. Sky overcast. In the zenith torn cirri and cumuli, smoke-like. Cumulus-strati. NE& E. A haze spreading over the greater part of the horizon.
April 20.	Sunrise	An. 29840.	Therm. 63.	Wind 1-2. Cirro-strati. One large sheet spreading out from the E and vanishing to the W, another sheet sweeping in a long curve th. S. horizon. N. horizon clear. During the whole night rain threatening.
	9 a.m.	An. 2991,50.	Therm. 73.	Wind S & SSE, 4-5. The greater part of the sky overcast. Cirri-strati, am. [amount] of cl, 9.
[p6.]	Noon.	An. I. 29670 An. II. 29710.	Therm.73. Therm.73. Detached Therm.72.	Wind SW, 1. Sky cloudless.
	3 p.m.	An. I. 2966,50 An. II 2962,25. .	Therm. 6. Therm 75 Det, Therm. 73.	Wind WNW. Cirri. Sky overcast (1 part free)
	Sunset.	An. I. 29630 An. II. 29670.	Therm. 73. Therm. 73. Detach. Therm. 69.	Wind NW & NW b. [by] W. 2. Sky very clear and beautiful. Cirri & cirri strati. Am. [Amount]. 1.
Mai 4.	Sunrise.	An. I. 2973,50.	Therm. 54.	
		An. II, 2973,50.	Therm. 48. Det. Therm. 50.	Wind. SW, 1. Sky cloudless, low bank on the N. horizon.
	9 a.m.	An. I. 29860. An. II.2987,50.	Therm. 71. Therm. 66. Det. Therm. 66.	Wind SW. 4-5. Sky cloudless.
	Noon.	An. I. 2982,50 An. II.29860.	Therm. 67. Therm. 66. Detach. Therm. 69	Wind SW, 5-6. Sky cloudless.
	Sunset.	An. I.	Therm. 66.	Wind S. 5-6. Sky cloudless.

		2982,50. An. II. 29830.	Therm. 66. Det. Therm. 65,50.	
Mai 5.	9 a.m	Aneroid I.30,00. An. II.30,010.	Therm 60. Therm. 59. Det. Therm. 62	Wind E, 6-7. Sky cloudless.
	3 p.m.	An. II.299750.	Therm. 71. Det. Therm. 70,50.	Wind SW, 5. Sky cloudless.
	Sunset.	An. II.2994,50.	Therm. 74 64 Det. Th. 63.	Wind E, 6. Sky cloudless.
Mai 6.	Sunrise.	An. II.29940.	Therm. 43. Det. Therm ---	Calm. Sky cloudless.
	9 a.m.	An. II. 30040.	Therm. 62. Det. Therm. 64.	Wind SE & E, 3-4. Sky cloudless.
[p7.]	Noon.	An. II. 3050.	Therm. 74. Det. Therm. 74.	Wind E, 2. Sky cloudless.
	3 p.m.	An. II. 2997,50.	Therm. 75. Detach. Th. 71,50.	Wind NE, 1-2. Sky cloudless.
	Sunset.	An. II. 29950.	Therm. 54 68. Det. Therm. 55 67,50.	Wind, E & ESE, 2-3. Sky cloudless Wind, ENE, 1. Sky cloudless.
Mai 7.	Sunrise.	An. II. 2991.0	Therm. 54. Det. Therm. 55.	Wind ENE, 1. Sky cloudless.
	9 a.m.	An. II 29980.	Therm. 65. Det. Therm ----	Wind NE, 4-5. Sky cloudless.
	Noon.	An. II. 2987,50.	Therm. 78. Det. Therm. 78.	Wind NE, 1. Sky cloudless. A few cirri strati over the W. horizon (Noon). Atmosphere near the horizon, though cloudless of dark appearance.
	Noon.	An. II 29950.	Therm. 75. Det. Therm. 78.	Wind NE, 4-5. Sky cloudless (note above).
	3 p.m.	An. II. 2987,50.	Therm. 78. Det. Therm. 78.	Wind NE, 1. Sky cloudless. A few cirri-strati over the W. horizon.
	Sunset.	An. II. 298650.	Therm. 74. Det, Therm. 71.	Wind NE, 2. Cumuli-strati, south and west.
Mai 8.	Sunrise.	An. II. 24840.	Therm. 55. Det. Therm. 57.	Sky clear. Calm. Some cumuli-strati on the western horizon.
	9 a.m.	An. II. 29890.	Therm. 66. Det. Therm. 70.	Wind NNE & NE, 5-6. Cirri on the south hor. [horizon]
	3 p.m.	An. II. 29810.	Therm. 80. Det. Therm. 78.	Wind in gusts with calm intermissions, NE. Upper Current N. Eastern horiz: Cumuli- strati. Western horizon – cloudless. Larger, light cirri coming from the N, extending over the N to the western half of the sky. Gusts, 2 - 3.
	Sunset.	An. II. 2981,50.	Them. 74. Det. Therm. 68.	Calm. Cumulo-strati from NNE to S up to about 20 degrees above the horizon. In the W. a few cirri. Very beautiful evening.
[p8.] Mai 9.	Sunrise.	An. II. 29770.	Therm. 55. Det. Therm. 55,50.	Calm. [?]. Nimbus and Cirri. Amount of cl. 7).
	9 a.m.	An. II. 29830.	Therm. 68. Det. Therm. 72,50.	Wind N & NNE, 5. Small cumuli close together, on the horizon in sheets. Am. [Amount] of cl, 8.
	Noon.	An. II. 29810.	Therm. 80. Det. Therm. 81.	Wind. NNW, 5. Cirri, upwards. On the horizon Cumuli. Am. [Amount] of clouds, 5.
	3 p.m.	An. II. 29780.	Therm. 84. Detach. Therm. 82.	Wind E, slight gusts, 2. Upper current WNW. Lower stratum of clouds. Large isolated cumuli, upper stratum-cirri, very light. Amount of cl., 4.

	Sunset.	An. II. 29740.	Therm. 57 75. Det. Therm 57 72,50.	Calm. Sky cloudless. Bank in the E horizon beautiful evening. W.: Cirro-strati. Zenith and N. horizon: cirri. S. Cumuli. E. Cumuli and cumuli-strati. Amount of cl, 3.
Mai 10.	Sunrise.	An. II. 29720.	Therm. 58. Det. Therm. 57.	Calm, Sky cloudless, bank in the east-horiz. [horizon].
	Noon.	An. II. 2977,50.	Therm. 80,50. Det. Therm. 81,50.	Wind SW (to the wetted finger) Lower stratum large white isolated cumuli, going WNW. Upper stratum – light cirri going from W to E. Amount of cl., 5-6. Cumuli, except on the W & SW horizon where sheets of strati.
	3 p.m	An. II. 2977,50.	Therm. 83. Det. Therm. 84,50	Wind ESE & SE, 2. Sky overcast. Air sultry. Large isolated cumuli all round up to 20 degrees from the horizon. Above, Cirri. Upper current from NW. Lower current SE.
	Sunset.	An. II. 29730.	Therm. 77. Det. Therm. 77.	Wind South, 4-5. Amount of cloud, 7. Nimbus & strati E. Strati S. Cumuli-strati – near horizon. Upper stratum from NW to SE.
[p9.] Mai 11.	Sunrise.	An. II. 2969,50.	Therm. 54. Det. Therm, 55,50.	Calm. Sky cloudless.
	Noon.	An. II. 29750.	Therm. 77. Detach. Therm. 50.	Wind E, 1-2. Cirri strati. Amount of cl.1,50.
	3 p.m.	An. II. 2970,50.	Therm. 82. Det. Therm. 81.	Wind, N, 1-2. Cirri, cirri-strati, strati. Isolated cumuli SE & S. The NNW hazy. Amount of cl., 4.
	Sunset.	Aner. II.2968,50 .	Therm. 76. Det. Therm. 73,50.	Calm. Sky overcast. Strati & cumuli in the Zenith.
Mai 12.	Sunrise.	Aner. II.29580.	Therm. 64. Det. Therm. 65,50.	Wind, NNE, 1. In the South cirri. Cirri, cumuli and strati. Am. [Amount] of cl., 3.
	9 a. m.	An. II 2964,50.	Therm. 76. Det. Therm. 77,50.	In the W. Cirri-cumuli. Cumuli-strati (W & S). Am. [Amount]. 4,50. Wind. NNE, 4. Light cirri-strati above the northern horizon.
	Noon.	An. II. 29630.	Therm. 84. Det. Therm. 87.	Wind N & NNW, 7. Cirri-cumuli from NNW but with less form than the sensible [felt] wind would indicate. On the eastern and western horizon cumuli. To the South Cumulo-strati.
	3 p.m.	An. II. 29580.	Therm. 87. Det. Therm. 87,50.	Wind NNW & NW, 6. Cumuli, cirri-cumuli, cumuli-strati. Nimb. [Nimbus]. Amount of cloud 8-9. Thunder at 2 o'clock p.m.
	Sunset.	An. II. 2960.	Therm. 77. Detach. Therm. 75.	Wind N.W. Rain.
Mai 13.	Sunrise.	An. II. 29660.	Therm. 61. Det. Therm. 59.	Wind W, 5. Cirri, cirro-strati. Am [Amount] of cl., 4.
	9 a.m.	An. II. 2971,50.	Therm. 63. Det. Therm. 64.	Wind W, 4-5, with gusts. Sky cloudless, atmosphere very pure and refreshing, a bank low in the NE. Thunderstorm with rain from 5.30 p.m. yesterday to 3 a.m. to-day (to-day ie. Mai 13). The wind W and clearing the sky. A meteor seen at 2.30 a.m. NW.
[p10.] Mai 13.	Noon.	Aner.II 2969,50.	Therm. 67 Det. Therm. 68,50	Wind W & WNW, 5. Sky cloudless. Air cool and pleasant.
	Sunset.	An. II. 29630.	Therm. 59.	Calm, sky cloudless.

			Det. Therm. 59.	
Mai 14.	Sunrise.	An. II. 2968,50.	Therm. 50. Det. Therm. 56.	Calm. Dew. Strati & Cumuli. Strati on the western & south.horizon.
	9 a.m.	An. II. 2981,50.	Therm. 72. Det. Therm. 65,50.	Wind W, 0,50. Strati W & SW. The morning was and still is very beautiful and refreshing.
	Noon.	An. II. 29770.	Therm. 69. Det. Therm. 73,50.	Sky overcast. Amount of clouds 9,50. Nimb. [Nimbus]. Cirro-cumuli, and cumuli-strati. Wind W, in slight gusts 1-3.
	3 p.m.	An. II. 29750.	Therm. 72. Det Therm. 72	Wind W 0,50. Sky overcast. Am. [Amount] of cl.,9. Cumuli. Nimbus.
	Sunset.	An. II. 29725.	Therm. 61. Det. Therm. 61.	Calm. Clouds going off, Cumuli and Cirro-cumuli. Am. [Amount] of cl., 2-3
Mai 15.	Sunrise.	An. II. 29740.	Therm. 48. Det. Therm. 48.	Calm. Sky cloudless.
	9 a.m.	Aner. II. 9840.	Therm. 66. Det. Therm, 63.50.	Wind SE, 2. Sky cloudless.
	Noon.	An. II. 29810.	Therm. 67. Det. Therm. 68.	Wind E, 2-3. Sky cloudless. (Heavy dew last night and rather cold towards morning).
	3 p.m.	An. II. 29760.	Therm. 67. Det. Therm. 67.	Wind W 0,50. Sky cloudless. Very fine calm day.
[p11.]	Sunset.	An. II. 29740.	Therm. 69. Det. Therm. 68.	Calm. Sky cloudless.
Mai 16.	Sunrise.	An. II. ---		
	9 a.m.	An. II. 29840.	Therm. 57. Det. Therm. 60.	Wind SE, 3-4. Sky cloudless.
	Noon	An. II. 29830.	Therm. 65. Det. Therm. 68,50.	Calm. Sky cloudless.
	3 p.m.	An. II. 2980,50.	Therm. 69,50. Det. Therm. 68.	Wind SE, 3-4. Sky cloudless.
	Sunset.	An. II. 29760.	Therm. 60. Det. Therm. 63.	Wind SE, 2. Sky cloudless.
Mai 17.	Sunrise.	An. II. 29790.	Therm. 44. Det. Therm. 44.	Calm. Cirro-strati in long and broad sheets. Am [Amount] of cl, 9.
	9 a.m.	An. II. 29820.	Therm. 54. Det. Therm. 55	Wind SE and SSE, 3. Cirri-strati. Am. [Amount] of cl., 5.
	Noon.	An. II. 2984,50.	Therm. 66. Det. Therm. 67.	Wind SE, 5. Sky cloudless, except from 5-4 degrees of altitude in the E & SE horizon covered with light strati.
	Sunset.	An. II. 2976,50.	Therm. 63. Det. Therm. 62.	Wind 2. SSE. Amount of clouds 0,50. A bank (light strati) from NE – SE of about 5 deg. [degrees] of altit.[altitude] in extent.
Mai 18.	Sunrise.	An. II. 29770.	Therm. 50. Det. Therm. 50.	Wind S, 1. Sky cloudless.
	Noon.	An. II. 29780,50	Therm. 66. Det. Therm. 69.	Wind S, 3. Sky cloudless.
	3 p.m.	An. II. 29750.	Therm. 72. Det. Therm. ---	Wind SSE, 4-5. Sky clear. Formation of Cirri and Strati, SE.
	Sunset.	An. II. 29710.	Therm. 64. Det. Therm. 65.	Calm. Sky cloudless.
[p12.] Mai 19.	Sunrise.	An. II. 29610	Therm. 45. Det. Therm. 45.	Calm. Cirri-strati western horiz, [horizon]. Am [Amount] of cl, 2.
	9 a.m.	An. II. 2966,50.	Therm. 53. Det. Therm. 58.	Calm. Amount of cl. 8. Sky open to the SE. Cirro-strati now down to the W and NW. hazy tow. [towards] the Zenith. Cirri vanishing towards the S. - E & SE light cirri-strati.
	Noon.	An. II.	Therm. 70.	Wind SSE, 1-2. Sky overcast. Around the sun a

		2969,50	Det. Therm. 65.	large circle, hazy but lighter than the span outside. Cirro-strati across the rest of the sky.
	3 p.m.	An. II. 2965,50.	Therm. 69. Det. Therm. 67.	Wind SW, 4-5. Sky overcast, a large span around the sun of equal haziness, inside in it a halo of ab. [about] 18 deg. diam. around the sun. Cirro-strati. Strati divides in the SE horizon; less to the W. Lighter and more uniform to the N.
	Sunset.	An. II. 2960,50.	Therm. 61. Det. Therm. 61.	Wind SW, 0,50. Sky overcast. Cirro-strati. Somewhat lighter clouds to the SW.
Mai 20.	Sunrise.	An. II. 2956,50.	Therm. 50. Det. Therm. 44,50.	Calm. Amount of cloud, 5. Strati and cirri-strati.
	9 a.m.	An. II. 2961,50.	Therm. 60. Det. Therm. 61.	Calm. Cirri. Amount of cloud 3-4.
	3 p.m.	An. II. 295,50.	Therm. 69,50. Det. Therm. 73,50.	Wind WSW and W; 1. Amount of cloud 2. Cirri NW and N.

[sgnd.] Herman Beckler.