

Rainfall at *Lantickhead*

50

5819 *Orkney.*

Diameter of Gauge, ..... in.

Height above Ground, ..... ft. .... in.

Above Mean Sea Level, ..... ft.

YEAR - -									1858	1859	MEANS.
January - -										.46	
February - -										.34	
March - - -										.30	
April - - -										.37	
May - - -										.10	
June - - -										.20	
July - - -									.73	.26	
August - -									.13	.18	
September -									.11	.23	
October - -									.58	.85	
November -									.20	.22	
December -									.23	.30	
TOTALS - -										3.81	

*No Returns*

*\* From 15<sup>th</sup> July.*

RAINFALL AT CarrickheadOrkney

Observer.....

Rain { By.....

Gauge { .....

Diameter.....in.

Height above Ground, .....ft.....in.

Above Mean Sea Level...ft.

Lat: 58° 47' 0" N Lon: 3° 7' 15" W

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	1.40	2.90	5.40	5.50	3.80	5.50	4.70	3.60	4.00	2.40	3.720
February.....	2.10	2.30	2.90	4.70	6.60	5.20	6.20	4.60	6.30	4.00	4.490
March.....	2.90	6.50	2.00	3.10	7.90	7.70	2.80	1.20	4.40	1.60	4.010
April.....	1.10	.90	3.10	5.80	2.50	2.50	1.10	3.70	2.80	2.40	2.590
May.....	1.90	2.90	4.10	4.20	3.40	2.20	1.80	1.10	2.00	.80	2.460
June.....	1.70	.20	1.90	3.60	4.10	1.30	1.70	1.60	1.50	1.50	1.910
July.....	1.50	4.10	2.90	3.80	3.90	2.20	1.60	2.20	.80	1.90	2.490
August.....	3.80	11.60	2.40	5.00	4.50	1.90	3.00	2.10	7.40	2.20	4.380
September.....	3.10	2.30	2.80	9.20	6.30	3.60	3.00	4.80	1.90	5.90	4.290
October.....	7.30	5.40	7.60	5.90	13.90	4.80	3.10	6.50	4.90	2.50	6.190
November.....	3.50	8.90	3.00	5.00	8.00	2.90	9.50	1.80	2.40	7.80	5.280
December.....	4.50	2.20	6.20	11.10	7.50	2.50	5.80	5.20	2.10	4.10	5.120
TOTALS ....	34.80	50.10	44.80	66.90	70.40	42.30	44.30	38.40	40.50	37.10	46.910

RAINFALL AT *Stoy Camickhead*

Lat.....

Lon.....

County of.....

*Orkney*

.....Rain Gauge, by.....

Observer

*Bond of Northern Lights*

Diameter .....	—										
Height .....	—										
Altitude .....	—										
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.00	1.04	3.90	3.70	8.80	8.10	4.40	4.80	5.10	1.30	4.314
February.....	1.20	2.50	1.60	1.30	2.30	2.90	5.00	4.50	2.10	1.40	2.480
March.....	1.00	1.02	1.90	2.90	5.20	1.00	5.50	1.90	3.70	2.70	2.682
April.....	2.50	1.80	2.30	2.40	2.60	3.30	5.10	1.30	.50	2.10	2.390
May .....	1.50	.60	.70	2.10	1.10	1.90	1.30	3.10	1.90	1.50	1.370
June.....	.50	.20	2.50	2.80	1.90	2.00	1.10	3.40	.70	1.00	1.610
July .....	.90	2.70	3.00	5.30	2.50	2.70	2.10	4.80	2.40	2.60	2.900
August.....	.70	2.40	4.10	3.60	4.30	1.60	2.80	3.20	1.10	2.90	2.670
September.....	2.50	2.00	5.50	5.50	4.90	2.20	2.50	2.00	4.40	2.10	3.360
October.....	1.40	1.90	5.20	10.80	3.80	5.10	4.40	4.00	4.00	2.90	4.380
November.....	2.10	2.30	9.40	8.40	4.70	5.10	5.10	7.50	4.40	2.80	5.180
December.....	4.03	1.10	5.90	3.80	3.50	4.70	4.40	4.60	3.70	1.30	4.103
TOTALS.....	2033	19.56	46.00	54.60	45.60	40.60	43.70	45.10	36.00	24.60	37.609

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# RAINFALL AT *Hoy Cantickhead*

5819

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *Orkney*

Rain Gauge, by \_\_\_\_\_

Observer *Ed. of Northern Light*

Diameter ....											
Height .....	<i>0.6</i>										
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>1.30</i>	<i>.40</i>	<i>5.00</i>	<i>4.20</i>	<i>6.70</i>	<i>2.50</i>	<i>6.40</i>	<i>3.78</i>	<i>2.70</i>	<i>5.90</i>	<i>3.888</i>
February ....	<i>2.60</i>	<i>.30</i>	<i>4.20</i>	<i>4.70</i>	<i>1.60</i>	<i>3.20</i>	<i>1.20</i>	<i>2.60</i>	<i>2.50</i>	<i>8.60</i>	<i>3.150</i>
March .....	<i>2.50</i>	<i>.80</i>	<i>4.80</i>	<i>1.90</i>	<i>3.90</i>	<i>3.30</i>	<i>1.10</i>	<i>1.70</i>	<i>3.40</i>	<i>5.60</i>	<i>2.900</i>
April .....	<i>1.60</i>	<i>.90</i>	<i>1.20</i>	<i>1.60</i>	<i>.80</i>	<i>1.60</i>	<i>2.30</i>	<i>3.00</i>	<i>2.60</i>	<i>4.70</i>	<i>2.030</i>
May .....	<i>1.10</i>	<i>1.60</i>	<i>1.30</i>	<i>4.10</i>	<i>3.10</i>	<i>1.60</i>	<i>1.40</i>	<i>1.60</i>	<i>2.70</i>	<i>.70</i>	<i>1.920</i>
June .....	<i>1.30</i>	<i>.70</i>	<i>5.10</i>	<i>.50</i>	<i>1.00</i>	<i>1.60</i>	<i>3.00</i>	<i>2.30</i>	<i>2.20</i>	<i>.50</i>	<i>1.620</i>
July .....	<i>2.10</i>	<i>3.70</i>	<i>2.10</i>	<i>1.70</i>	<i>2.30</i>	<i>1.70</i>	<i>4.20</i>	<i>4.50</i>	<i>2.10</i>	<i>1.30</i>	<i>2.570</i>
August .....	<i>.20</i>	<i>2.30</i>	<i>3.50</i>	<i>3.20</i>	<i>4.10</i>	<i>1.30</i>	<i>2.90</i>	<i>2.50</i>	<i>2.60</i>	<i>7.50</i>	<i>3.010</i>
September ....	<i>3.50</i>	<i>.70</i>	<i>4.00</i>	<i>3.40</i>	<i>1.50</i>	<i>3.80</i>	<i>2.20</i>	<i>4.50</i>	<i>1.70</i>	<i>3.00</i>	<i>2.830</i>
October .....	<i>4.20</i>	<i>2.60</i>	<i>3.00</i>	<i>6.60</i>	<i>6.00</i>	<i>6.00</i>	<i>1.80</i>	<i>2.80</i>	<i>6.60</i>	<i>4.20</i>	<i>4.380</i>
November ....	<i>3.70</i>	<i>2.30</i>	<i>6.10</i>	<i>7.30</i>	<i>4.60</i>	<i>2.20</i>	<i>3.30</i>	<i>5.10</i>	<i>5.90</i>	<i>2.10</i>	<i>4.260</i>
December ....	<i>4.40</i>	<i>5.40</i>	<i>5.10</i>	<i>8.10</i>	<i>6.50</i>	<i>4.60</i>	<i>7.40</i>	<i>6.80</i>	<i>2.10</i>	<i>5.80</i>	<i>5.650</i>
TOTALS ....	<i>28.50</i>	<i>21.70</i>	<i>43.70</i>	<i>47.30</i>	<i>42.10</i>	<i>33.40</i>	<i>37.20</i>	<i>41.18</i>	<i>37.10</i>	<i>49.90</i>	<i>38.208</i>

# RAINFALL AT *Loy bantick head*

5819

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *Orkney*

Rain Gauge, by \_\_\_\_\_

Observer *Board of Northern Light*

Diameter ....	...											
Height .....	06											
Altitude ....	...											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	4.00	2.90	4.40	3.70	4.20	1.70	2.90	.70	3.50	5.32	3.432	
February ....	2.30	1.60	2.40	2.20	5.00	.00	2.00	1.90	6.00	1.00	2.1140	
March .....	5.30	2.10	1.60	1.30	1.60	1.90	3.10	3.20	3.60	1.12	2.482	
April .....	1.90	.90	2.70	.50	.00	2.10	1.50	.50	2.90	3.14	1.6111	
May .....	1.60	3.60	3.20	.90	1.60	.40	1.70	1.20	2.20	2.83	1.923	
June .....	5.40	2.90	2.20	.10	1.30	.70	2.70	.10	2.00	1.71	1.911	
July .....	4.80	4.30	.29	1.70	4.10	1.90	2.10	.80	1.30	2.19	2.348	
August .....	3.50	4.90	.26	2.40	3.00	1.30	3.00	2.60	2.93	1.65	2.5511	
September....	4.40	2.80	2.70	5.10	.20	1.80	3.80	4.30	3.42	5.04	3.256	
October .....	5.50	2.90	2.60	5.10	2.30	4.40	4.60	3.00	1.71	3.82	3.593	
November....	4.70	1.80	2.70	5.70	1.30	1.90	2.90	3.80	4.41	7.02	3.628	
December ....	1.50	4.20	2.90	3.30	3.10	5.40	4.10	3.80	4.11	6.54	3.895	
TOTALS ....	44.90	34.90	27.95	32.00	27.70	23.50	34.40	25.90	38.08	41.38	33.071	

1860-

RAINFALL AT Hay ConitickheadLat. .... Lon. .... County of OrkneyRain Gauge, by ..... Observer Board of Northern Light

Diameter ..	...	3									
Height ....	0 6	1 0									
Altitude ..	...	52						115			
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.32	5.58	4.81	3.31	1.40	2.45	2.42	1.81	3.24	3.19	3353
February ..	1.84	3.44	.58	4.22	2.34	4.03	3.90	1.44	4.55	2.92	2926
March ....	1.05	1.82	3.28	2.07	1.35	2.33	.74	2.08	3.62	1.29	1963
April .....	2.08	2.52	1.56	2.27	3.58	1.49	1.50	1.00	1.68	2.05	1973
May .....	1.74	.77	1.83	.85	.73	1.03	1.70	.76	2.68	2.05	1414
June .....	.85	2.74	1.26	.70	.86	.80	.72	3.45	2.64	1.37	1530
July .....	2.36	1.59	2.16	3.70	.18	2.47	1.60	1.31	1.42	2.32	1911
August ....	2.53	3.13	2.23	4.17	2.16	2.98	1.65	5.48	2.12	2.27	2872
September ..	2.95	1.51	2.61	1.78	1.64	2.23	1.53	1.33	3.10	2.14	2082
October .....	4.91	3.62	2.58	3.92	3.58	4.77	3.16	2.66	1.55	4.68	3543
November ..	4.63	3.22	2.14	3.99	1.28	2.96	4.52	2.13	4.81	6.86	3654
December ..	5.66	5.92	4.05	1.53	2.33	1.49	2.31	3.11	3.26	3.21	3287
TOTALS ..	35.92	35.86	29.09	32.51	21.43	29.03	25.75	26.56	34.67	34.35	3057

H. S.



RAINFALL at Hoy, Cantickhead

5819

County of OrkneyObserver Bd. of Northern Lights.

River Basin \_\_\_\_\_

Rain Gauge, by \_\_\_\_\_

Diameter ...	3											
Height .....	1 0											
Altitude ...	115											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	458	372	294	(250)	402	279	420	403	166	302		
February ...	250	361	160	174	376	340	107	28	234	114		
March .....	208	268	317	320	370	199	195	255	173	200		
April .....	347	262	284	159	148	225	186	273	147	301		
May .....	213	185	297	188	221	(080)	188	121	180	00		
June .....	83	222	48	155	114	25	214	242	197	100		
July .....	142	333	142	194	293	102	84	35	503	444		
August .....	351	180	401	138	134	129	108	218	316	410		
September ..	133	321	165	146	164	223	290	443	451	235		
October ...	155	140	243	185	294	(100)	501	761	215	181		
November ..	599	468	460	464	524	210	224	616	228	579		
December ...	328	357	474	471	311	644	424	197	382	516		
TOTALS ...	3267	3469	3285	(2794)	3351	(2556)	2941	3592	3192	3062		31509

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

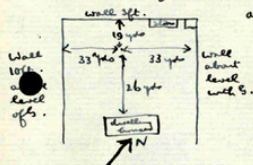
RAINFALL at Hoy GantickheadCounty of OrkneyObserver Board of Northern Lights

River Basin \_\_\_\_\_

Rain Gauge, by \_\_\_\_\_

Diameter ...	3						5					
Height .....	1 0						3 10					
Altitude ...	115						68					
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN:	
January ...	3.65	3.56	3.13	6.07	3.45	3.11	3.47	3.42	6.44	1.12	2.75	
February ...	3.06	1.78	2.53	4.14	3.38	2.79	3.34	1.99	3.47	1.11	1.17	
March .....	2.67	2.63	1.90	7.79	1.28	2.90	4.40	2.68	1.85	.80	2.89	
April .....	1.72	1.52	2.61	3.15	2.03	2.16	2.16	4.78	1.25	1.12	1.33	
May .....	2.75	1.51	1.96	3.69	1.64	2.00	1.26	1.59	1.33	1.41	1.76	
June .....	.53	1.39	1.52	2.51	1.46	.86	1.18	3.25	1.35	3.24	2.78	
July .....	1.40	2.14	2.46	3.37	2.48	1.72	.98	.86	2.33	1.45	2.22	
August .....	.73	1.56	2.10	4.13	2.93	1.82	2.56	1.49	1.43	7.15	5.75	
September...	2.61	2.77	1.92	4.58	5.10	2.51	4.56	2.64	2.36	4.17	4.26	
October .....	.65	3.39	1.88	6.56	3.22	5.20	5.06	6.02	2.99	4.26	5.44	
November...	2.98	2.20	3.84	5.44	3.46	1.47	3.18	3.51	4.55	5.13	4.54	
December...	2.28	4.78	4.83	4.42	1.71	3.23	6.03	1.43	3.67	8.59	2.96	
TOTALS...	25.03	29.23	30.68	48.85	32.14	29.77	38.18	33.66	33.22	39.55	27.85	

Catchment 1925 Standard. m. wooden post set 3 ft 70 in above ground



Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_  
Map, 2 miles to 1 inch Series

Reference No. \_\_\_\_\_

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction



RAINFALL at Hay (Pentickhead.)

County of Orkney Observer Com'r of N. Lighthouse.

River Basin.....

Type of Gauge.....

Annual Average 32.9 in. based on 50 years obs. un-weighted. Period of average 1881-1915 Ref Summary  
computed x/36

Diameter .....	5.										
Height .....	3. 10.										
Altitude .....	68.										
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January .....	4.65	3.60	2.30	3.76	3.89	5.47	4.13	4.04	.84	1.64	
February .....	5.25	.26	5.50	4.52	2.03	1.57	2.17	1.08	.97	.85	
March .....	1.01	3.06	3.48	2.49	1.79	1.15	1.18	3.28	1.98	2.23	
April .....	2.47	3.28	1.91	4.86	2.06	.63	.87	1.52	1.05	1.66	
May .....	3.52	1.43	0.82	1.67	.62	2.45	.59	2.48	.64	.99	
June .....	2.48	.26	0.94	.38	.74	.89	2.79	3.47	1.36	1.26	
July .....	2.50	2.15	1.35	2.22	2.40	4.21	3.24	1.69	3.76	2.94	
August .....	.44	2.66	2.61	2.90	3.48	3.07	2.87	2.22	2.18	4.35	
September .....	.97	3.79	0.58	2.91	4.80	2.37	2.35	2.67	1.43	2.49	
October .....	3.80	3.99	2.79	6.01	7.13	4.20	3.00	4.51	1.22	2.33	
November .....	2.81	3.63	2.14	1.82	5.61	2.96	1.52	1.01	4.98	3.78	
December .....	6.34	2.03	1.20	5.66	4.61	4.07	1.38	.99	2.97	1.85	
TOTALS .....	36.24	30.14	25.42	39.20	39.16	32.94	26.09	28.96	23.38	26.37	

1938. Not printed too low.  
1939 .....

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series				No. of Map.....	Reference No.....			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

Station No.

5819

RAINFALL at

Hoy (Carrick Head)

41

County of

Orkney

Observer

Comr. of N. Lighthouses.

River Basin

Type of Gauge

Annual Average 32.9 in. based on 50 years obs. unweighted. Period of average 1851 - 1915 Ref. Survey

File No.

Diameter	5"				768	655					
Height	3' 10"					1					
Altitude	68'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.10	2.84	2.30	3.50	3.46	2.53	3.78	3.45	(6.95)	5.06	
February	(2.85)	1.77	3.89	2.52	3.18	3.17	(1.05)	2.73	(3.72)	2.62	
March	1.27	0.74	1.06	2.42	2.26	2.31	1.87	2.37	(3.81)	2.88	
April	2.09	1.10	2.31	2.00	1.79	2.93	2.48	1.74	(2.33)	2.83	
May	0.49	1.04	1.29	2.56	(2.80)	.74	1.03	(1.88)	1.91	1.13	
June	0.53	0.61	0.67	3.02	2.12	2.69	2.32	1.31	1.90	4.01	
July	2.36	1.36	1.25	0.80	(2.16)	3.12	1.40	1.88	1.46	1.84	
August	4.78	1.93	2.34	1.30	(2.63)	2.56	0.00	(3.18)	2.97	3.80	
September	2.33	3.68	3.86	2.79	2.47	4.83	(5.28)	3.37	2.55	6.97	
October	(3.30)	3.63	2.91	3.31	(3.28)	0.61	2.57	5.48	2.18	3.26	
November	(2.63)	1.49	4.66	3.81	(2.64)	5.02	(4.97)	3.24	3.41	3.91	
December	2.44	3.22	2.73	2.85	7.60	4.79	(4.10)	5.57	5.61	2.97	
TOTALS	(27.17)	23.41	29.27	30.88	36.39	35.30	(30.85)	36.20	(38.85)	41.28	

1941 Feb, Oct &amp; Nov cold. fr monthly m.p.

1942 n.p. low.

1944 n.p. low.

1945 m.p. too much est. May, July &amp; Aug. est'd. October &amp; November approximated

1947 Feb to Sept est. M.p. &amp; Dec. app.

1948 May &amp; Aug. part est. M.p.

1949 Jan to April m.p. for spring m.p.

30064

Position of Station on reduced Ordnance Survey Map,  
1 mile to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

BRITISH RAINFALL ORGANIZATION

Station No. 5819

RAINFALL at

Hay (Lantick Head)

51

County of

Orkney

Observer

Lewis &amp; N. Lighthouses

River Basin

Type of Gauge

Annual Average 32.9 in. based on 50 years obs. unweighted. Period of average 1881-1915 Ref. S.  
34.05 - - 23 - within 1916-58 1916-50 S.  
File No.

Diameter ...	5"				768	655					
Height ...	3' 10"					1					
Altitude ...	68'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.14	3.58	4.37	2.93	2.28	3.41	4.21	4.06	4.48	(3.65)	
February ...	3.80	3.47	2.58	2.81	(1.61)	2.16	2.22	3.05	1.64	(3.57)	
March ...	3.84	4.20	1.45	2.61	(1.28)	3.28	4.09	1.70	1.25	(1.17)	
April ...	3.19	0.70	2.16	1.84	2.17	0.63	1.49	.74	1.47	(2.89)	
May ...	0.25	2.30	3.10	2.33	(2.07)	2.35	1.02	3.19	2.67	0.79	
June ...	1.04	2.71	1.26	3.15	(1.63)	2.65	0.79	1.08	1.79	2.31	
July ...	2.85	1.39	2.20	1.10	0.54	3.03	2.18	2.43	2.44	1.42	
August ...	2.94	4.85	3.37	2.43	0.34	2.33	3.63	2.42	2.07	1.97	
September ...	1.09	4.01	3.90	4.43	(3.62)	1.87	3.18	1.26	1.10	1.95	
October ...	2.27	4.20	2.22	6.69	4.96	3.84	3.74	4.10	4.89	3.09	
November ...	6.23	3.58	4.51	6.51	(1.41)	4.26	1.71	1.04	3.66	(2.77)	
December ...	6.34	3.84	2.24	5.04	6.84	5.24	3.10	3.83	4.30	(3.62)	
TOTALS ...	36.98	38.83	33.36	41.87	28.75	35.05	31.56	28.90	31.96	29.20	
	M						M	M	M	M	

1960. Jan-April, Nov, Dec app. by M.O.E.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 39/346893

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ but inf 13.15	✓	31-37. 78.38-40	1941 1942 - NP 1943 1944 - 45 NP 1945 - 50	✓