

RAINFALL AT Tod Head

5616

Lat.

Lam.

County of

Kincardine

Berni - 2

Rain Gauge, by

Observe

Bear is at North

RAINFALL AT Tod Head

Lat.

Lon.

County of Kincardine

Rain Gauge, by

Observer Board of Northern Lights

Bennie, etc - 2.

Diameter ..		3									
Height ...		4 0									
Altitude ..		103						135			
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January	2.91	1.30		3.25	2.10	.10	1.40	.25	1.20	1.05	
February	1.05	1.50		3.15	6.25	.80	1.05	.45	.68	.15	
March	1.20	.47		1.55	1.85	2.80	.65	.20	3.20	4.10	
April	1.10	1.25		1.35	1.15	1.55	1.15	.90	.90	2.85	
May	1.40	.25		2.20	3.15	1.45	2.90	2.75	1.05	1.50	
June	.00	.50		1.10	.75	.80	.15	4.70	.70	.90	
July	1.99	.40		5.10	.20	.43	.35	.95	2.10	4.65	
August	1.85	.		1.85	2.80	3.10	.95	1.75	.70	1.05	
September	1.30	.		2.90	1.10	1.70	.60	.30	3.85	1.00	
October	2.65	1.45		2.90	1.10	1.55	2.25	2.50	1.90	2.00	
November	3.50	1.65		1.00	1.70	6.40	1.15	2.30	.80	.75	
December	1.90	1.85		1.80	2.05	.85	.40	2.35	1.00	3.15	
TOTALS ..	20.85	mp		28.15	23.20	21.53	13.00	19.40	18.08	23.15	

1906. Small: not printed

1907

1908

1909

N.B. Annual values rejected from Survey Map, 1929.

RAINFALL at Todhead

County of Kincardine Observer Bd. of Northern Lights.

River Basin Berrie, Cowie & Z

Rain Gauge, by

Diameter ...		3									
Height		40									
Altitude ...		135									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.25	1.13	2.18	2.74	83	2.33	.84	2.14	2.88	4.17	
February ...	2.43	.65	2.15	.81	3.45	5.62	2.11	.75	1.81	3.65	
March95	1.90	2.00	2.86	3.60	1.64	3.03	1.98	1.71	3.20	
April	2.20	.73	.10	2.37	43	.63	3.10	.87	1.05	2.07	
May	1.50	1.80	.40	2.52	1.78	1.55	2.21	1.56	2.30	.42	
June.....	1.00	1.30	2.24	1.51	1.30	1.27	3.77	.78	1.18	.42	
July	1.00	1.00	.36	.66	4.66	3.86	3.11	1.95	5.85	.70	
August.....	4.15	.60	4.83	.67	96	2.89	2.95	4.40	1.96	2.53	
September ..	.50	.65	2.49	3.22	1.45	1.76	1.61	1.54	7.60	1.77	
October ...	1.65	1.45	3.17	.92	1.90	2.91	4.50	2.54	2.15	2.55	
November ..	4.10	3.70	1.63	1.53	2.80	1.54	4.03	2.27	1.79	1.32	
December ...	1.62	4.41	1.88	.95	5.07	5.66	4.01	2.11	2.92	5.83	
TOTALS ...	22.35	19.32	23.43	20.76	28.53	31.66	35.27	22.89	33.10	28.43	

1910. Bad - not published.

N.B. Annual values rejected from Survey Map. 1929.

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

RAINFALL at Todhead Point lighthouse

County of Lincolnshire Observer Board of Northern Lights

River Basin Berwick, Bowes & C. 2.

Rain Gauge, by

Diameter ...	3		5	3							
Height	4.0		1.10	4.0		1.9					
Altitude ...	135		107	135		114					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	M.EAN.
January ...	1.19	2.85			1.82	1.22	2.57	1.27	3.82	1.19	1.15
February ...	1.43	1.64			1.68	2.74	3.35	1.31	2.64	1.09	1.00
March	3.40	1.54			1.69	1.15	1.65	1.83	3.28	1.49	1.85
April	1.08	1.03			1.62	2.04	2.47	2.00	1.83	1.77	2.03
May	3.67	.90			4.83	3.15	1.66	2.04	1.39	1.27	.80
June	1.78	1.74			1.48	1.27	1.69	2.35	3.16	1.83	1.65
July	3.50	1.65			1.94	5.15	(2.30)	2.24	2.19	1.95	2.67
August	3.41	1.49			4.82	1.77	2.54	1.55	2.74	3.17	2.24
September...	1.66	.80			2.88	3.91	2.73	3.41	5.11	2.48	1.57
October.....	3.25	2.12			1.86	3.44	1.93	4.87	3.67	1.86	2.21
November...	2.37	..			2.12	1.72	(1.27)	3.87	2.25	3.58	3.43
December...	4.04	..			2.99	2.14	(2.07)	.56	1.55	1.63	1.13
TOTALS...	28.78	..			195	29.25	24.41	28.89	28.31	27.79	24.89
											27.07

1925 July, Nov. & Dec. adjusted by sun's stations

Catchment 1926. S. in vegetable plot surrounded by walls 4½ ft. high
 12 ft. away to W & 15 ft. to S. Dwellings 100 ft. N.E., 24 ft. high &
 27 ft. from gauge nearest corner. S. stands on sloping ground
 about 1 in 30. The ground is subject to sea spray.

Standard gauge 1 ft. 9 in. above ground.

A.B. annual values rejected from Survey 1st of 1929Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

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

RAINFALL at Todhead Point lighthouse.County of HincardineObserver Com's. of N. Lighthouses.River Basin 2 - Berse, Corrie &c.

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

Diameter	5											
Height	1.9											
Altitude	114											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.08	1.57	1.61	1.29	1.04	2.76	3.11	2.92	(3.43)	1.24		
February	2.20	.09	1.40	.00	1.76	1.99	1.44	.97	1.98	1.06		
March	.74	2.45	1.51	1.63	1.59	1.71	1.59	.57	1.78	1.76		
April	1.31	1.93	1.23	4.86	3.27	.40	1.31	.25	(.58)	1.20		
May	2.82	1.60	0.97	1.76	.83	.96	1.72	1.76	1.02	.61		
June	3.10	.52	0.61	.60	2.92	.59	1.08	2.20	(1.02)	.27		
July	2.68	3.06	2.74	1.85	1.82	5.81	2.84	3.31	(3.62)	4.97		
August	1.66	.75	1.02	2.87	2.82	.97	2.86	1.01	(1.38)	1.19		
September	.82	2.12	1.16	2.85	2.96	3.57	.60	3.10	1.70	1.83		
October	.96	5.73	3.48	2.78	2.69	.69	2.51	3.08	2.16	4.18		
November	4.35	1.25	2.41	1.34	3.63	1.36	.69	2.64	(2.54)	4.15		
December	.87	1.77	0.76	4.17	1.59	1.43	4.43	2.35	(1.33)	2.00		
TOTALS	23.59	22.84	18.89	26.03	26.92	22.24	24.48	25.16	(22.57)	24.46		
	M.	n.p.	n.p.									

1939 Jan. April, June - Aug., Nov. Dec. est'd

1940 n.p. low.

(1900-1927)

Annual average 23.8 "rejected as 5" too low.Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No.....
1 mile to 1 inch Series

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

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 5616

RAINFALL at Todhead Point Lighthouse

41

County of Lincolnshire

Observer Conice of N. Lighthouses

River Basin 2-Bervie, Conice &c.

Type of Gauge.....

Annual Average in. based on years obs. un-weighted. Period of average Ref.....

File No.

Diameter	5"			850	865						
Height	1'9"					1					
Altitude	114'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.09	3.55	2.69	1.39	6.21	0.98	4.72	2.61	0.95	1.68	
February	1.97	.50	.41	.74	5.41	1.14	1.57	1.35	.51	1.12	
March	0.99	.40	.18	.78	.37	1.19	3.47	.16	1.47	1.40	
April	1.37	.59	.91	2.63	.64	.27	2.02	.53	.62	1.09	
May	0.87	1.12	1.47	2.52	3.09	2.74	2.40	2.14	1.64	1.12	
June	.88	.60	1.25	2.82	2.13	2.68	1.57	3.71	2.53	.85	
July	2.70	1.51	.36	1.98	2.87	3.72	1.42	2.15	2.05	2.79	
August	3.09	3.01	5.68	(1.27)	3.19	1.69	.05	3.85	3.01	1.84	
September	.66	2.19	3.35	(1.15)	2.38	4.24	1.00	1.92	1.68	4.17	
October	2.85	1.59	1.71	3.95	2.05	.27	1.43	2.27	1.94	1.06	
November	5.43	.26	2.27	2.42	1.12	5.50	1.65	.96	3.24	2.08	
December	0.09	2.24	1.37	(3.43)	4.65	2.74	1.95	2.75	1.78	.27	
TOTALS	21.89	17.56	21.65	5 (26.68)	34.11	27.16	22.25	25.00	21.42	19.47	

1941 n.p. low.

1942 n.p. low.

1943 n.p. low.

1944 n.p. low.

1945 Jan & Feb. for 1945.

1946 n.p. low.

1947 n.p. low.

1948 n.p. low.

1949 n.p. low.

1950 n.p. low.

& scaling exposure taken up and
Todhead Lighthouse Board, but still in little type of

improvement.

1944 July-Aug. Sep 12th, part test.

1947 Jan & Feb. for 1947.

1948 n.p. low.

1949 n.p. low.

1950 n.p. low.

On 21.5° computed for Survey 11/43, on
years 1931-'41, is probably 7° less low.

00214

Position of Station on reduced Ordnance Survey Map, | No. of Map Reference No.
1 mile to 1 inch Series

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

Station No. 5616

51

RAINFALL at Todhead Point LighthouseCounty of Hincardine

Observer

Com's of Northern LighthousesRiver Basin Berwic, Cowie & C. 2

Type of Gauge.....

Annual Average..... in. based on..... years obs. un-weighted. Period of average.....

Ref.....

25.9

File No.....

Diameter	5"				850	865					
Height	1' 9"						1				
Altitude	114						51				
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	1.81	1.97	0.70	1.02	2.19	1.96	1.61	2.45	1.34	3.09	
February	2.03	.95	.83	(2.33)	1.59	.75	1.34	1.05	0.20	1.96	
March	(2.00)	2.74	.27	(2.19)	1.42	.39	1.32	2.55	1.04	0.87	
April	1.78	.99	2.31	(1.27)	1.00	.98	.45	.74	2.25	0.92	
May	1.33	2.37	1.77	3.51	1.80	.30	1.16	1.06	1.57	0.62	
June	1.05	2.40	1.10	(1.80)	.37	.86	.30	.33	3.48	2.06	
July	3.47	1.78	4.06	2.28	.41	2.15	1.97	4.27	1.19	2.72	
August	3.74	2.98	1.72	2.06	.36	1.38	2.61	3.95	0.42	4.66	
September	1.12	.72	2.35	(2.10)	1.65	2.94	1.44	.52	0.69	3.33	
October	0.75	1.69	1.04	(4.44)	1.47	.86	.80	2.27	2.54	7.24	
November	6.28	2.09	2.06	4.29	1.07	.25	.22	.52	6.32	5.01	
December	(2.20)	1.82	2.57	2.25	2.69	1.43	1.04	2.81	6.03	1.86	
TOTALS	27.56	22.50	20.78	(29.54)	15.42	14.25	14.26	22.82	27.09	34.32	
					NP	NP	NP	NP	NP	NP	

1951. Point, Mar + Dec est. by m o s h.

1954 n.p. (65 much estimation).

1960 n.p erratic

10014

35144

7/11

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 37/910769

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

Summary of Earlier Records from 10-year Sheets :

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓	20.24-30 long. 21.23	31-38 7/19.40 M 21.33.	44-47 AP 14-43 48-50	
(62) WT. 13072-389 10M 6/50 T.S. 841						