

RAINFALL AT Tod Head

Lat.

Lon.

County of Lincolnshire

Rain Gauge, by

Observer Board of Northern LightsRevised - 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	5.25	.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	.60		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	imp		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 KincardineObserver Ed. of Northern LightsRiver Basin Bervie, Bowrie & Co. 2

Rain Gauge, by

Diameter ...	3											
Height	4	0										
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		
March .....	.95	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	7.50	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 Lodhead Point lighthouseCounty of LincolshireObserver Board of Northern LightsRiver Basin Bervie, Bowle & Co.

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	1930 MEAN
January ...	1.19	2.85			1.82	1.22	2.57	1.27	3.82	1.19	1.15
February ...	1.43	.64			.68	2.74	3.35	1.31	.64	1.09	1.00
March	3.40	1.54			.69	1.15	.65	1.83	3.28	.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	.70			4.83	3.15	1.66	2.04	1.39	1.27	.80
June .....	.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	.95	2.67	1.39
August	3.41	1.49		4.82	1.77	2.54	1.55	2.74	3.17	2.24	7.24
September...	.66	.80		2.88	3.91	2.73	3.41	5.11	2.48	.57	3.19
October	3.25	2.12		1.86	3.44	1.93	4.87	3.67	1.86	2.21	2.10
November...	2.37	..		2.12	1.72	(1.27)	3.87	2.25	3.58	3.43	2.44
December...	4.04	..		2.99	2.14	(2.07)	.56	1.55	1.63	6.13	2.23
TOTALS...	28.78	..	-	imp	29.25	24.41	28.89	28.31	27.79	24.89	27.07

1925, July, Nov. & Dec. adjusted by current stations.

Cotechasin 1926. G. in vegetable plot surrounded by walls 4½ ft. high
 12 ft. away to W + 15 ft. to S. Dwellinghouses to NE, 24 ft high &
 27 ft. from gaugets nearest corner. G. 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 Map, 1929

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

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

RAINFALL at Godhead Point Lighthouse.County of HincardineObserver Com's. of N. Lighthouses.River Basin 2 - Berric, Co. Wick.

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	1.74	.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	3.20	(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	1.15	2.85	2.96	3.57	.60	3.10	1.70	1.93	
October	.96	5.73	3.48	2.78	2.69	.69	2.81	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	4.73	2.35	(1.33)	2.00	
TOTALS	23.59	22.84	18.89	26.03	26.92	22.24	24.78	25.16	(22.57)	24.46	
	M.		M.	+	+	+	+		n.p.	n.p.	

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

1940 mp. low.

(1900-1927)

Annual average 23.8" rejected as 5" too low.

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.

5616

RAINFALL at Todhead Point Lighthouse

41

County of Kincardine Observer Comrie of N. LighthouseRiver Basin 2-Beare Comrie & 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	2.67	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	2.74	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	.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	.56	2.19	3.35	(1.75)	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 n.p. low.
 1946 n.p. low.
 1947 n.p. low.
 1948 n.p. low.
 1949 n.p. low.
 1950 n.p. low.

Direction of exposure taken up and
 of Trench Lighthouse Road, but table is little type of
 improvement.

21.5" computed for Survey 11143, on
 years 1931-'41, is probably 7" too low.

00314

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 Direction from gauge	Parish Church.	Distance Direction from gauge.

BRITISH RAINFALL ORGANIZATION

Station No. 5616RAINFALL at Todhead Point Lighthouse 51County of Hincardine Observer Com's of Northern LighthousesRiver Basin Bervie, Lowie & Co

Type of Gauge.....

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

25.9

File No.....

Diameter ...	5"				85	86.5					
Height ...	119"					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)	1.05	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	
				n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	NP	

1951. Print, map & spec. sent. by M.O.S.L.

1954 n.p. too much estimation.

1960 n.p. erratic

10014

35144

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference 37/0769

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
	✓	20.24-30 imp. 21.28	31-38 91.29.40 M 21.833.	14-47. NP, M-43 48-50	