

RAINFALL AT *Patrington, Spurn Head* **80**

Lat.

Long.

County of York. E.R.

Rain Gauge, by

Observer

The Meteor Council

Number - Life Br. Tubs. 3

Diameter	8										
Height	1.0										
Altitude	27										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January15	.34	1.09	1.58	1.87	1.36	1.77	1.01	.59	.70	1.046
February	1.05	1.92	84	2.03	85	1.54	69	.51	.85	1.10	1.138
March	1.79	1.32	89	1.03	.72	.98	1.77	1.49	1.68	2.59	1.426
April	1.70	92	2.20	.86	.74	1.18	1.35	1.05	1.59	1.40	1.299
May	98	.44	1.83	1.28	.59	1.50	1.97	1.31	.77	2.69	1.336
June	2.30	1.41	2.90	2.36	.43	1.16	1.69	.10	1.70	.17	1.422
July	3.80	1.62	1.11	2.49	1.67	.26	1.93	.57	5.22	1.34	2.001
August	1.10	3.77	2.44	.85	1.81	2.13	1.20	.89	1.83	2.59	1.861
September	4.36	2.55	1.88	2.63	.68	3.14	.97	2.03	2.26	1.24	2.174
October	3.57	1.53	2.82	2.42	1.56	4.57	2.04	2.93	.77	3.54	2.575
November	1.72	1.57	2.50	2.54	1.46	1.96	1.73	1.98	1.84	.70	1.800
December	1.71	1.89	3.57	1.69	1.19	.79	3.65	1.13	1.03	.96	1.761
TOTALS	24.23	19.28	24.07	21.76	13.57	20.57	20.76	15.00	20.13	19.02	19.839

N.B. Repeated from Survey as 4" low.

RAINFALL AT Patrington Spurn Head

Lat.

Lon.

County of York E.R.

Rain Gauge, by

Observer The Meteor Council

Humber - Left Br. Subs. 3

Diameter	8										
Height	10										
Altitude	27										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	M.R.A.N.
January	1.74	1.35	.49	1.16	1.25	3.42	.66	1.71	.83	1.45	1.406
February74	.08	1.43	1.55	1.73	.82	.44	2.38	1.29	1.06	1.152
March	1.57	1.18	.84	.29	1.74	2.17	2.03	2.21	1.39	.87	1.329
April66	.82	1.29	.18	1.16	.68	.68	1.08	1.51	1.82	.988
May	2.12	2.69	1.96	1.19	2.24	.95	.60	1.05	1.61	2.55	1.696
June	1.53	2.03	2.41	1.13	3.99	1.20	1.12	1.26	1.09	1.45	1.721
July	1.55	1.87	1.45	2.40	2.05	2.26	2.20	.34	.70	.85	1.587
August	1.82	1.78	1.19	2.02	1.41	2.19	.70	3.90	2.96	.13	1.810
September47	.62	1.06	.81	1.89	.43	3.18	2.49	.12	2.22	1.279
October	1.10	2.54	4.32	1.48	2.79	2.18	5.07	.86	2.25	2.19	2.478
November	2.42	1.44	.59	2.63	1.76	1.99	1.41	2.14	1.88	.71	1.697
December53	1.88	.71	1.68	2.04	1.61	3.10	1.31	1.77	2.13	1.676
TOTALS	16.25	18.28	17.74	16.52	22.55	19.90	21.19	20.73	17.40	17.43	18.799

1890 -

N.B. Rejected from Survey as A. low.

RAINFALL AT Patrington Town Head

Lat.

Lon.

County of York E.R.

Rain Gauge, by

Observer The Meteor Council

Number, L. Bank - 3.

Diameter ..	8									
Height ..	10									
Altitude ..	27									
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEAN.
January ..	2.44	.54	.58	1.79	1.31	.11	2.16	.69	.81	.44 1087
February ..	2.34	1.32	.92	.44	1.47	.54	2.06	1.35	1.50	1.09 1303
March ..	.23	1.36	1.22	2.02	1.16	1.23	1.18	.93	1.46	2.69 1348
April ..	.60	1.34	1.13	1.96	.46	1.36	.61	1.65	1.97	1.31 1239
May ..	1.20	.60	3.21	2.76	1.06	.89	.88	2.48	1.09	.90 1507
June ..	1.66	1.22	1.98	1.45	.38	1.85	1.25	1.93	.94	1.85 1451
July ..	1.73	1.36	1.62	2.89	2.97	.90	.57	.80	2.12	3.80 1876
August ..	2.80	1.67	1.79	4.03	3.24	1.85	2.11	1.87	1.53	3.92 2481
September ..	.41	.79	.32	2.80	1.96	1.16	.53	.52	2.13	1.23 1185
October ..	1.92	1.60	2.55	4.37	.47	2.01	4.54	3.38	.82	2.78 2444
November ..	2.03	2.37	1.04	1.68	1.22	2.61	2.22	1.49	1.03	.53 1622
December ..	2.66	4.33	1.52	.60	1.30	.30	1.25	1.63	1.12	3.48 1819
TOTALS ..	20.02	18.50	17.88	26.79	17.00	14.81	19.36	18.72	16.52	24.02 10.362 1.43

N.B. Rejected from Survey as 4" Low.

Hurk

RAINFALL at Patrington Spurn HeadCounty of E.R. YorkshireObserver Meteorological OfficeRiver Basin Humber - Left Bank Tributaries 3

Rain Gauge, by _____

Diameter ...	8											
Height	1 0											
Altitude ...	27											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	RMS 16-19
January ...	1.20	1.37	2.09	3.03	1.68	2.96	.91	2.80	1.61	3.23		8.55
February ...	1.84	.77	.92	.60	.79	2.64	3.13	.87	1.06	2.50		7.50
March28	1.46	2.04	2.54	2.05	1.58	3.27	.98	.55	2.06		6.86
April	1.58	.76	.12	1.86	.96	.39	1.42	.95	1.07	1.66		5.10
May	1.51	.67	2.68	1.40	2.17	1.50	2.41	.83	1.77	.48		5.49
June91	3.25	4.22	.57	.48	.32	2.94	1.81	.16	1.11		6.02
July	2.49	.61	1.95	.28	2.09	4.33	1.85	.91	3.66	2.61		9.03
August	3.26	1.08	4.38	1.12	1.33	2.01	1.68	4.92	2.52	3.04		12.16
September ..	.34	1.71	2.00	1.38	.75	1.54	1.39	.79	3.35	2.75		8.82
October ...	2.13	1.92	2.53	2.39	2.12	1.34	1.79	2.36	1.46	3.18		8.79
November ..	2.58	2.72	3.41	2.08	2.04	2.60	2.53	1.49	1.85	2.17		8.04
December ...	2.39	2.87	2.96	.75	4.04	4.96	3.32	1.14	2.67	2.50		9.63
TOTALS ...	20.61	19.19	29.30	18.00	20.50	26.17	26.64	19.85	21.73	27.29		

N.B. Rejected from Survey as 4" low.

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

RAINFALL at Latchington, Spurn Head.

County of Yorkshire E. R. Observer Meteorological Office
River Basin Number Left Bank Tribs. 3

Rain Gauge, by

New Gauge.

Diameter ...						8				
Height						10				
Altitude ...						29				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1930 MEANS
January						2.52	1.70	3.49	1.91	1.81
February						1.42	1.61	1.53	1.44	1.72
March						1.61	1.57	1.65	1.91	1.51
April						1.99	1.68	1.70	0.96	2.28
May						1.71	2.02	1.47	1.07	1.20
June						4.30	2.88	2.22	1.89	1.49
July						1.07	2.16	2.05	1.49	1.20
August						1.69	1.66	4.85	1.64	1.45
September						2.39	1.84	3.58	0.20	1.23
October						2.58	3.61	1.31	2.87	2.41
November						2.28	2.73	3.29	2.15	3.54
December						2.11	1.79	2.36	1.35	4.00
TOTALS...						imp	24.30	28.45	19.88	18.67
						D	D	D	D	D

See previous sheet for old grave

1925. entered 26-9-28.

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

RAINFALL at Pettington Spurn Head

County of E. Ry. Yorkshire Observer Meteorological Office
River Basin Humber - Left Bank Trib. 3. Air Ministry

Rain Gauge, by _____

Old gauge.

Diameter ...	8									
Height	1	0								
Altitude ...	27	19			25	29				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	MEANS.
January	1.53	1.75	2.24	1.97	2.05	1.29	1.97	3.49		
February	1.55	1.33	1.58	2.65	1.93	1.70	1.52	1.53		
March	1.86	1.01	1.63	1.40	1.59	1.52	1.42	1.91		
April	2.68	.75	.87	.97	1.41	1.82	1.45	0.96		
May	2.08	1.76	.42	1.87	2.13	1.65	1.92	1.97		
June	1.23	.28	.50	.68	1.65	.18	3.80	2.32		
July	2.42	.32	2.97	1.64	2.37	.98	1.89	0.49		
August	1.47	2.07	1.33	2.16	2.44	1.52	1.51	1.64		
September	1.29	.39	1.90	3.24	2.18	2.11	.72	0.20		
October87	1.21	1.01	1.67	3.53	2.36	3.29	2.87		
November33	1.53	.78	3.15	1.78	1.93	2.32	2.15		
December	2.23	1.77	1.33	2.57	1.42	1.81	.60	1.35		
TOTALS...	19.52	13.17	16.56	22.97	22.48	18.87	21.11	19.88		
	①	2	3	P	P	P	P	P		

See next sheet for new gauge.

N.B. Rejected from Survey as "A" Law.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series			No. of Map	Reference No.				
Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53° 34'	0° 7'						

RAINFALL at Spurn Head - ^(Lighthouse) new g. M.W.R.

County of East Riding. Observer The Meteorological Office.

River Basin Humber: Left Bank Tribs: 3. Surveyor (M.C.)

Type of Gauge.

Annual Average ~~22.7~~ in. based on years obs. un-weighted. Period of average 1881-1915 Ref. S.I. 297

Staff Inst

Diameter	8.											1937-40 Mean
Height	1.0.											
Altitude	29.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	2.75	1.03	1.15	1.61	2.14	3.51	3.36	1.88	3.50	1.91	22.81	
February	1.72	.53	2.80	.90	3.15	2.96	2.13	.64	0.48	1.76	16.07	
March	.90	1.69	2.64	2.35	.59	.84	2.80	.34	1.93	1.79	15.89	
April	2.81	1.90	.96	2.10	2.93	2.28	3.29	.29	1.92	.98	19.06	
May	2.91	3.44	2.08	.99	.47	1.67	3.75	2.00	0.94	1.31	17.56	
June	2.47	.24	.99	1.10	2.42	3.89	1.28	1.11	3.64	.48	17.62	
July	4.37	2.28	1.46	.96	.32	4.97	1.79	1.88	2.14	3.69	23.86	
August	3.51	1.80	.44	1.28	1.60	1.32	.57	2.13	2.52	1.15	16.32	
September	1.85	1.50	2.44	1.39	3.20	1.57	.93	1.57	1.24	.92	18.61	
October	1.21	3.21	3.72	1.59	3.23	2.43	2.14	2.46	3.94	3.14	27.07	
November	1.59	1.44	2.77	2.31	4.23	2.59	2.79	2.14	4.07	3.73	27.66	
December	1.31	.97	1.12	3.80	2.32	1.59	4.24	3.76	2.88	1.96	22.95	
TOTALS	27.40	20.03	22.57	20.38	28.60	29.82	29.07	20.12	29.20	(22.82)	25001	

1940 Army bats nested in one & ~~for~~ gauge, in October, and monthly total were abnormally too low.

1940 Certain daily values in Oct. Nov. & Dec. adjusted.

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. 2390

RAINFALL at Spurn Head Lighthouse M.W.R.

41

County of East Riding Observer Lightkeeper (M.O.)

River Basin Number: Left Bank Tribs - 3

Type of Gauge

Annual Average 22.7 in. based on years obs. un-weighted. Period of average 1881-1915. Ref. Staff Inst. 185
297

File No.

Diameter	8"										
Height	1' 0"										
Altitude	29'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.59										
February	2.66										
March	3.36										
April	.40										
May	1.66										
June	3.0										
July	4.15	180°									
August	2.72										
September	#										
October											
November											
December											
TOTALS	16.12 imp.										

Army huts erected within 2ft of gauge, Oct '40. Sheds were still standing in Feb '41
and above was intended to return to take readings

Spurn Point 2625 pp 9 } Cal 37 A R.N.S. Sh. & Com. 1914. Readings from 1st
to 1st at lighthouse for the first time, Dec 1914. No. 1 in monthly

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	Parish Church.	Distance from gauge

Station No. 3390/1

RAINFALL at 3 Spinn Head (R.N. Signal Stn.) M.W.R. 41

County of Yorks. E.R. Observer Chief Officer (M.O.)

River Basin Number 1 of Black Trinity - 3

Type of Gauge M.O.

Annual Average 22.7 in. based on years obs. un-weighted. Period of average Ref.

(Av. 6227 ft Spinn Head lighthouse, adopted for R.N. Stn.) File No.

Diameter	5	040	328									
Height	10		1									
Altitude	29'		41									
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	All 10 Means	
January	2.68	2.48	2.86	2.50	3.45	1.43	1.53	3.51	1.06	.87	22.07	
February	2.66	.76	.22	2.93	1.37	2.73	(2.00)	.73	.24	3.58	17.22	
March	3.09	.68	.27	.48	.84	1.02	3.72	.37	.69	.57	11.73	
April	.87	.81	.96	1.06	2.32	.94	1.26	1.88	1.96	1.79	13.85	
May	1.76	2.54	2.17	1.07	1.28	1.13	.37	2.26	1.25	2.15	15.98	
June	.29	1.26	1.29	1.91	1.33	2.68	1.87	2.41	.40	2.57	16.01	
July	3.49	1.49	.89	2.44	1.26	2.53	.77	1.06	2.45	2.30	18.98	
August	2.64	.99	1.70	2.68	2.67	3.51	.14	2.47	1.47	1.72	19.99	
September	.41	2.01	1.91	3.69	1.18	2.43	.80	2.69	.56	2.90	12.58	
October	2.40	2.04	.82	1.70	1.22	2.44	.48	1.69	2.78	.87	16.62	
November	2.12	1.87	2.29	2.91	1.03	3.51	1.24	.92	2.36	3.50	21.75	
December	.41	1.52	.66	1.04	1.61	1.95	2.23	2.47	1.93	2.25	16.07	
TOTALS	23.02	18.45	16.04	24.41	19.56	26.30	16.41	22.26	17.15	25.07	208.63	

19. 3. 2 July wall rain gauge, 10 ft diameter, 1 ft high.

1/3/1942 Signal station 18 ft high, 26.5 ft S.S. Anem. stat 170 ft N.W. N. Ground S.E. slope suddenly 15-20 ft, a distance of 20 ft from rain-gauge. Ground to NW. falls away in a more gentle gradient. Inspected 15.7.42 C.W. heat. Site reasonable, among tall sand dunes (partly covered coarse grass). Shifting sand in & around anemometer is controlled.

18 3. 62

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	Parish Church.	Distance from gauge

