

RAINFALL AT Hornea Elim Lodge

Lat.

Lon.

County of York E.R.

Rain Gauge, by

Observer J.B. Holmes Esq

Number 3

Diameter	8										
Height	1	3									
Altitude	30										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January		1.18	1.50	1.88	4.64	.79	2.04	.76	1.94		
February		2.01	2.74	2.26	1.04	.80	2.12	1.20	1.24		
March		1.57	.49	1.16	2.30	2.51	2.67	1.55	2.19		
April		1.32	.55	1.36	1.43	1.36	1.85	2.84	1.70		
May		2.88	1.18	1.65	.80	.75	1.55	1.82	3.78		
June		3.88	1.25	3.62	3.50	2.18	1.55	2.13	1.16		
July		1.74	2.26	3.54	4.84	1.33	.39	.98	.51		
August		2.68	1.16	1.87	2.67	2.69	3.51	2.92	.42		
September		1.02	2.34	1.08	.87	3.16	3.43	.29	3.02		
October		5.18	1.80	4.67	3.83	6.02	1.66	3.55	2.26		
November		1.26	3.94	1.71	2.63	1.68	2.81	2.34	1.31		
December		1.07	2.23	3.11	2.25	3.67	2.04	2.11	2.84		
TOTALS		25.79	21.44	27.91	30.80	26.94	25.62	22.49	22.37	25.00	*

1893 Hornea Church 1/2 Mile S.W.
Trees 18ft high 40ft W.S.W + N.W.

* Computed from Hembaline

RAINFALL AT Hornsea Elm Lodge

Lat. Lon. County of York E.R.

Rain Gauge, by Observer T. B. Holmes Esq.
Number, L. bank - 3. Mr Guy Walker Farnham

Diameter ..	8										
Height	1.3					1.6					
Altitude ..	303										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.10	1.20	1.08	1.50	1.73	.68	2.62	.90	1.47	1.02	1.530
February ..	4.04	2.21	1.24	.81	1.80	.78	1.61	1.75	1.65	1.26	1.715
March ..	.59	1.94	1.26	2.65	1.64	2.13	1.48	1.12	2.76	4.16	1.973
April88	1.63	1.42	2.62	1.11	1.85	1.07	1.59	2.16	2.18	1.650
May	1.65	.44	2.02	2.66	2.13	.78	1.99	2.98	2.54	1.53	1.872
June	2.15	1.61	1.68	1.68	.57	.93	1.44	3.68	1.13	3.33	1.815
July	1.53	.70	2.17	2.81	2.91	1.16	1.33	.98	2.54	3.43	1.956
August	3.76	2.75	2.01	2.83	3.10	2.62	1.80	2.26	1.37	4.96	2.746
September..	.93	.57	.48	3.51	.99	1.93	.77	.55	2.80	1.21	1.374
October	2.51	1.55	2.47	6.19	1.15	2.42	4.77	3.81	1.11	3.44	2.942
November ..	2.53	4.06	1.22	2.75	2.29	2.94	3.21	2.59	1.29	.98	2.386
December ..	3.37	3.89	2.10	.94	1.52	.68	1.88	2.80	2.31	4.61	2.410
TOTALS ..	27.04	22.55	19.15	30.90	20.94	18.90	23.97	25.00	23.13	32.11	24.360

3 4 3 4 3 4 3 4 3 4 3 4

Hull

1900 Hornsea Church 1/2 mile S.W.

Trees 20 ft high 36 ft W + N.W.

1903 Hornsea Station 1/2 mile S

RAINFALL at Housea Elm Lodge

County of E.R. Yorkshire Observer M Guy Walker
 Subjcts. Left bank Tributaries 3.
 River Basin East Coast Streams 4 E.A. Lyon Esq (II)
 Rain Gauge, by _____

Diameter ...	8									
Height	1.6									
Altitude ...	30 B									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...	1.96	1.14								
February ...	2.12									
March	1.07	4.50								
April	1.49									
May	3.73									
June	1.42	2.68	#							
July	2.97									
August	3.18									
September ..	1.37									
October ...	2.05									
November ..	3.51									
December ...	2.16									
TOTALS ...	27.03									

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

RAINFALL at Hornsea, Public Gardens

County of E. & Yorkshire

Observer F. Lord Eg

River Basin East Coast Streams 4

Copper Rain Gauge, by

Diameter ...	8									
Height	10									
Altitude ...	417									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
										MEANS.
January ...		2.87	3.63	1.63	3.19					2.57
February ...		1.47	.92	.97	3.83					1.30
March		2.77	2.99	2.17	1.67					2.63
April62	1.97	.54	.74					1.67
May		1.79	2.28	1.63	1.38					.55
June		3.57	.90	2.11	.34					1.13
July96	2.29	.84	2.43	5.04				1.48
August		2.33	3.48	.53	2.08	1.48				2.92
September ..		2.86	1.96	.61	1.45	1.36				1.36
October ...		2.01	3.06	2.13	1.85	1.16				3.68
November ...		3.13	3.24	2.39	2.71	2.77				2.67
December ...		3.61	2.11	1.67	4.63	4.93				3.26
TOTALS ...			29.23	20.86	24.20	27.89	NR			2552
			3	3	3	3				3

2 mi E. of Elm Lodge
 1912 House 26 ft high 40 ft S

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	53° 58'	0° 10'	Hornsea	½ mi	S.	St Nicholas	¾ mi	SW

RAINFALL at Hornsea, Promenade.

County of York, E.R. Observer F. Godfrey
 River Basin E. Coast Line 4

Rain Gauge, by _____

Diameter ...	8									MEANS.
Height	10									
Altitude ...	40									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...	2.27	3.46	1.66							
February ...	1.16	2.76	2.83							
March	1.20	1.67	1.56							
April.....	0.93	.96								
May	2.37	1.01								
June	1.22	1.77								
July	0.95	5.50								
August	2.12	2.29								
September...	0.64	2.17								
October.....	1.16	1.71								
November...	2.70	1.82								
December...	2.06	2.48								
TOTALS...	NR	17.08	26.60							

1921. Jan. 20 gauge 60 20.20

N.B. Rejected from Survey as 2° low.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series			No. of Map	Reference No.	
Date.	Lat. N.	Long.		Parish Church.	Distance from gauge
1921	52° 56' S	0° 10' E	20	Hornsea	2 mi SW

RAINFALL at Hornsea

County of Yorks - East Riding

Observer Hornsea V.D.C.

River Basin E. Coast Shiremoor - H.

Type of Gauge Sevenston

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

Ref.

J.E. 6216/47

Diameter	5"											
Height	1' - 0"											
Altitude	35'											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Means
January					1.66	2.00	1.47	2.79	2.08	4.26	1.72	2.59
February					3.83	1.11	2.50	1.99	1.40	1.55	.89	1.07
March					1.56	1.01	1.45	.51	1.70	2.51	.03	1.64
April					1.19	1.62	2.24	1.66	1.91	.99	1.15	1.87
May					3.16	3.03	2.23	1.60	1.06	.91	.98	1.26
June					.79	1.26	.00	3.44	3.64	2.93	1.28	1.71
July					2.63	3.84	1.70	1.64	2.94	.63	1.54	4.26
August					2.78	2.77	1.14	2.23	5.97	4.02	1.84	2.98
September					2.44	2.02	3.15	.94	3.27	.30	.37	2.71
October					1.59	2.97	2.11	3.04	1.63	3.07	1.96	1.80
November					3.02	1.42	3.08	3.01	2.71	1.82	3.72	4.28
December					3.38	2.29	3.07	.73	2.55	1.66	4.77	1.88
TOTALS					29.03	25.54	24.14	23.58	30.86	24.65	20.25	28.05

Book years 1923-47 and 10/47, 1923-30 remaining. Below add 22.1647

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	Direction
			Hornsea	1800 ft	due S.	Hornsea	2800 ft	S.W.

BRITISH RAINFALL ORGANIZATION

RAINFALL at Hornsea M.N.R.

County of Yorks - East Riding..... Observer Hornsey U.D.C.

River Basin & Great Streams - 4.....

Type of Gauge Standard.....

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

E 6216/47

Diameter	5"										
Height	1'-0"										
Altitude	35'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total
January	2.55	1.36	1.54	1.21	1.73	3.43	3.33	2.33	4.20	1.34	23.02
February	2.38	.44	2.36	1.52	2.65	1.98	2.19	1.03	1.08	1.80	17.43
March	.40	1.80	2.06	2.16	.63	.93	2.62	.16	2.14	1.59	14.49
April	2.59	3.26	.94	1.77	2.19	1.48	3.24	.34	1.42	1.35	18.58
May	2.23	4.11	1.54	.57	.40	1.40	3.43	2.30	1.48	.94	18.40
June	2.81	.46	1.92	1.01	2.13	2.69	2.16	1.66	4.05	1.17	20.06
July	3.54	2.23	1.26	1.51	.30	4.24	3.03	3.55	2.35	6.33	28.34
August	3.02	1.34	.19	2.30	1.14	2.30	.49	1.79	1.67	1.27	15.51
September	2.26	2.47	2.06	1.72	3.77	1.24	1.28	1.69	1.07	1.18	18.74
October	1.18	3.13	5.44	1.52	3.38	1.41	1.98	2.80	2.76	2.78	26.98
November	2.86	1.39	2.12	2.37	3.41	3.10	2.36	2.51	3.15	3.49	26.76
December	1.29	1.11	.55	4.27	2.26	1.58	4.98	3.36	2.63	2.03	24.06
TOTALS	27.11	23.10	21.98	21.93	23.99	25.78	31.09	23.52	28.00	25.27	251.77

Back years 1928-46 read 10/47 1931-40 measured 1 ft annual 2A-11.47

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
			Hornsea	1800 ft	due S.	Hornsea	2800 ft S.W.

BRITISH RAINFALL ORGANIZATION

Station No. 3403/9

RAINFALL at Hornsea (Town Hall)

41

County of Yorks - East Riding

Observer Hornsea U.D.C.

River Basin & Head Streams - 14

Type of Gauge Standard

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

Ref.

File No. E 6216/47

Diameter	5"		039	682		5"					
Height	1' 0"			1		1' 0"					
Altitude	35'			41		35'		12'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	1.86	3.16	4.80	2.07	3.39	1.94	(2.56)	4.48	.91	1.13	26.30
February	2.97	1.03	..29	2.35	1.80	1.68	(2.21)	.89	.62	3.59	17.43
March	1.38	.51	.30	1.06	.77	.95	4.05	.88	.87	1.06	11.83
April	.86	1.08	1.19	2.08	1.89	1.56	1.08	1.38	1.88	2.47	15.47
May	1.07	3.18	3.67	.47	1.63	2.00	.42	1.88	1.52	2.23	18.07
June	.46	.94	1.29	1.81	2.16	1.76	2.40	4.50	.75	.94	17.01
July	2.66	2.16	.81	2.10	1.52	4.05	.92	1.37	1.62	3.82	20.73
August	3.26	.80	1.88	3.72	2.33	3.67	.23	3.44	1.80	3.32	24.45
September	.70	1.67	2.62	6.03	1.07	4.51	1.34	1.49	1.07	2.45	22.95
October	2.55	1.90	1.69	2.86	2.18	1.31	.55	1.82	2.12	.85	17.83
November	2.15	1.69	2.95	4.09	1.02	5.17	1.56	1.30	3.17	4.18	27.28
December	.50	2.25	1.39	2.16	1.17	2.67	1.33	1.99	1.89	2.60	17.95
TOTALS	20.42	20.37	22.88	30.80	20.93	31.27	(18.65) D	25.42 D	18.22 D	28.34 D	237.30

1947. Wall 10 ft high, 11 yds W.

60004

Bushy years 1923-46 and 1947. 1923 & 1942 seem homogeneous, 1943-46 show relative minima in 1943-42

{and reasonable}

Brewster 22.11.47

1947. Jan & Feb expect for snow

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.
1947			Hornsea	1700 ft	due S.	Hornsea	2700 ft	S.W.

BRITISH RAINFALL ORGANIZATION

Station No. 3403/9

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RAINFALL at Hornsea (Town Hall)

County of East Riding-Yorks. Observer Hornsea U.D.C.

River Basin East Coast Streams - 4

Type of Gauge Snowden.

Annual Average in. based on years obs. un-weighted. Period of average 1916-50
 " " 24.26 " 24 " in the 1921-57 " " File No. E 6216/47

Diameter	5"	039	682								Means
Height	1'0"			1							Total
Altitude	12'			51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	1.78	1.77	1.09	1.32	.79	4.29	1.42	2.37	2.53	4.79	22.15
February	2.36	.73	1.53	1.93	2.05	1.48	2.37	3.87	.32	2.11	18.75
March	3.10	2.27	.34	1.25	1.91	.69	1.52	1.91	1.45	1.34	16.38
April	1.27	1.33	1.78	.46	.89	.66	.53	.99	2.32	1.29	11.52
May	3.05	1.53	1.47	1.80	2.99	.66	1.14	2.20	.57	1.06	16.47
June	1.62	1.93	2.00	1.49	1.18	2.25	2.06	2.93	1.43	0.53	17.42
July	1.29	1.54	1.68	1.17	1.20	3.21	3.46	3.14	2.02	3.95	22.66
August	5.39	1.84	2.50	4.65	.61	5.00	3.32	1.96	.58	3.28	29.13
September	1.14	4.00	.86	2.07	1.16	1.17	2.29	2.34	.16	2.70	17.89
October	1.19	2.58	1.73	3.92	1.37	1.56	1.97	1.54	1.78	5.90	23.60
November	3.51	3.52	1.76	3.67	1.00	1.44	2.03	.62	3.34	4.64	25.53
December	1.37	1.72	1.36	1.94	2.58	2.05	2.23	2.78	3.78	3.00	22.81
TOTALS	27.07	24.76	18.10	26.27	17.73	24.46	24.34	26.65	20.28	34.65	244.31
	D	D	D	D	D	D	D	D	D	D	

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference TA[34]207482

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Hornsea	1700' S	Hornsea	2700' SW.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		C 1923	✓	✓	✓ Vault - 41-46 S 47