

# 80

## RAINFALL AT *Drifffield Brandesburton Hempholm*

Lat. .... Lon. .... County of *York E.R.*  
 Rain Gauge, by ..... Observer *J. Tiffen*

*Number* 3

Diameter ....						5					
Height .....						2	6				
Altitude ....						11	π				
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....							2.69	1.36	.90	1.54	
February ....							.80	.47	1.24	1.28	
March .....							1.87	1.20	1.80	1.69	
April .....							1.39	1.00	2.01	2.70	
May .....							3.33	1.66	.73	2.76	
June .....						<sup>4</sup> 2.42	.87	.07	1.50	.54	
July .....						.73	2.42	1.05	4.57	2.05	
August .....						2.33	1.71	1.67	2.35	4.87	
September....						2.45	.79	2.50	1.67	1.14	
October ....						4.89	2.40	3.32	.92	4.24	
November....						1.53	1.67	1.88	2.99	.69	
December ....						.71	3.54	1.39	1.96	1.27	
TOTALS ....							23.48	17.57	22.64	24.97	

1888 North Frodingham 3 miles N  
 Cottage 20 feet high 60 ft S

# RAINFALL AT *Brandesburton Hempholm*

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

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

County of *York E.R.*

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

Observer *J. Tiffen Esq*  
*W. Evans Esq*

*Gumher* 3

Diameter ....	5											
Height .....	2 6											
Altitude ....	11 A											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	1.97	.98	1.04	1.24	1.87	4.46	.46	2.00	.62	2.10	1.674	
February ....	1.09	.12	1.72	2.54	2.41	.60	.56	1.76	.96	1.04	1.280	
March .....	1.36	1.41	1.16	.57	1.00	1.86	1.94	3.02	1.66	2.16	1.614	
April .....	.61	1.33	1.42	.43	1.34	1.31	1.24	1.58	2.90	1.64	1.880	
May .....	2.59	1.87	3.19	1.65	1.71	.54	.79	1.09	1.97	3.42	1.884	
June .....	1.47	.73	3.78	1.28	3.78	3.56	2.14	1.62	2.22	.95	2.183	
July .....	1.54	3.50	1.44	1.93	2.59	4.80	.76	.49	.49	2.73	2.027	
August .....	3.46	2.76	2.60	1.22	1.21	2.77	1.49	3.83	2.94	.93	2.821	
September....	1.27	1.37	1.52	2.06	1.09	.99	3.37	2.84	.20	3.12	1.783	
October .....	1.08	3.60	5.86	1.63	4.07	3.10	4.99	1.60	3.29	2.35	3.157	
November....	2.76	2.57	1.34	3.31	1.10	2.19	2.09	2.16	2.46	1.17	2.115	
December ....	1.02	2.87	.99	2.62	2.44	1.95	3.10	1.83	1.98	2.64	2.114	
TOTALS . . .	20.22	23.13	26.06	20.48	24.61	28.13	22.93	23.82	21.69	24.25	23.532	

# RAINFALL AT *Brandesburton Hempholm*

Lat. ....

Lon. ....

County of *York*

*Eng. Ch.*

Rain Gauge, by .....

Observer *W. Evans Eng. Ch.*

*Number, L. bank - 3.*

Diameter ..	5											
Height ....	2.6											
Altitude ..	11 ft											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.	
January ..	3.09	1.19	1.28	1.48	1.75	.57	2.63	.93	1.31	.69	1.492	
February ..	3.22	2.27	1.09	.86	2.34	.99	1.66	1.45	1.58	1.25	1.671	
March ....	.78	2.08	1.34	2.25	1.64	1.78	1.63	1.17	2.43	3.57	1.867	
April .....	1.00	1.56	1.13	1.94	1.02	1.67	1.04	1.52	2.86	2.05	1.579	
May .....	1.32	.54	1.88	3.05	1.67	.64	1.71	3.04	2.18	1.38	1.741	
June .....	2.12	1.54	2.23	1.89	.89	1.59	1.01	3.15	.92	4.56	1.990	
July .....	1.04	1.10	1.89	2.87	2.91	1.60	1.83	.86	2.58	2.95	1.963	
August ....	4.55	3.49	1.85	2.53	3.16	3.14	2.74	2.50	2.19	4.80	3.095	
September ..	1.15	.65	.50	2.87	1.08	1.53	.64	.68	2.09	1.53	1.272	
October .....	2.37	1.57	2.37	6.03	1.10	2.06	4.55	4.12	1.15	2.69	2.801	
November ..	2.34	3.76	1.08	1.88	2.07	3.55	3.50	2.08	1.20	.81	2.227	
December ..	3.25	3.88	2.19	1.10	1.67	.33	1.91	3.01	1.94	3.91	2.319	
TOTALS ..	26.23	23.63	18.83	28.75	21.30	19.45	24.85	24.51	22.43	30.19	24.017	53

*H.W.B.*



# RAINFALL at Grands Burton Hempholm Lock

043573  
10 3401

County of E.R. Yorkshire Observer W. Evansley C.E.

River Basin Humber - Left Bank Tributaries 3

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

Diameter ...	5										
Height .....	2.6										
Altitude ...	11 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. Totals
January ...	1.66	1.20	3.19	3.25	1.69	3.02	.61	3.34	1.61	2.53	8.09
February ...	2.10	1.11	1.38	.74	.81	3.25	3.01	.84	1.60	1.58	7.03
March .....	.81	1.95	2.92	2.86	1.74	1.19	3.37	1.68	1.08	2.65	8.78
April .....	1.71	1.26	.20	1.57	.54	.66	1.32	1.82	1.92	1.35	6.41
May .....	2.91	.78	3.23	2.20	1.68	1.64	2.79	1.33	2.21	1.11	7.44
June .....	1.76	3.27	4.13	.67	1.84	.26	1.92	1.58	.36	.60	4.46
July .....	2.66	1.21	4.42	.49	2.76	6.33	1.69	1.16	3.10	2.22	8.17
August .....	2.98	3.03	4.38	.44	2.27	2.81	3.02	5.43	2.45	2.65	13.55
September ..	.38	2.83	1.89	.48	1.61	1.68	.90	.72	4.65	1.18	7.45
October ...	2.57	2.17	2.64	2.54	1.87	1.29	3.16	2.65	.94	4.19	10.94
November ..	3.57	3.09	2.63	1.98	2.47	2.52	3.00	1.38	1.34	2.42	8.14
December...	2.48	3.36	1.67	1.46	4.29	4.44	3.33	1.53	3.49	3.18	11.53
TOTALS ...	25.59	25.26	32.68	18.68	23.57	29.09	28.12	23.46	24.75	25.66	101.99

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	58.56.1	0.21.17						

RAINFALL at Gradesburton Hempholme LockCounty of E. R. Yorkshire Observer H. Evans Esq C.E.River Basin Humber Left Bank Tribes Beverley & Barmston Drainage Surveyor.Shewdon Rain Gauge, by \_\_\_\_\_

Diameter ...	5							5					
Height .....	2	6						1	0		2	6	
Altitude ...	11							10		11			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mkars.	1920-30 Totals	
January ...	2.71	2.10	2.61	1.18	2.01	1.17	2.34	1.44	3.93	2.14	2.92	24.60	
February ...	1.06	.32	2.25	3.54	1.24	2.56	1.74	1.20	1.59	1.00	1.23	17.73	
March .....	1.70	1.01	1.71	1.06	.95	1.43	.50	1.13	2.69	.07	2.10	14.35	
April .....	3.98	.95	.91	1.47	1.49	2.42	1.56	1.87	0.95	1.20	2.25	19.05	
May .....	1.94	2.10	1.02	2.53	2.15	2.30	1.88	1.01	1.01	1.12	1.00	19.06	
June .....	1.01	.26	1.30	.53	2.64	.02	5.06	3.85	3.54	1.59	1.56	21.41	
July .....	4.68	.86	5.60	1.74	3.40	1.24	1.92	2.32	0.49	1.44	4.71	28.40	
August .....	1.30	3.19	2.45	2.54	2.41	2.04	2.48	6.75	3.42	2.06	2.90	31.54	
September...	1.03	.75	2.05	2.03	2.45	2.78	1.05	4.18	0.50	.51	3.12	20.48	
October .....	1.90	1.06	1.71	1.17	3.06	1.95	2.99	1.69	3.64	2.13	2.10	23.40	
November...	.68	2.56	1.63	2.57	1.52	2.36	2.39	2.63	2.95	3.69	3.69	26.67	
December...	2.60	2.01	2.32	2.41	2.16	2.75	.54	2.34	1.54	4.78	1.93	25.38	
TOTALS...	24.59	17.20	25.56	23.82	25.48	23.02	24.45	30.41	26.30	21.73	29.51	272.07	

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

No. of Map \_\_\_\_\_

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	53° 56' 1"	0° 21' 17"	Beverley			Gradesburton		

## RAINFALL at Brandesburton (Hempholm Lk.)

County of East Riding Observer W. Evans Esq., C.E.River Basin Humber - Left Bank Tribs - 3. F.J. Affleck Esq. (1932)

Type of Gauge .....

Annual Average 24.6 in. based on 47 years obs. unweighted. Period of average 1881 - 1915 Ref. S

8/12677/27.

Diameter	5.										
Height	2.6.										
Altitude	11.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Mean Total
January	2.02	1.02	1.17	1.14	2.32	4.01	3.07	2.30	4.14	1.76	22.95
February	2.41	.88	3.11	1.93	2.78	2.67	3.22	.75	1.15	1.72	20.62
March	.60	1.79	1.85	2.19	.80	1.34	2.45	.18	2.52	1.79	15.81
April	2.99	2.64	1.31	2.11	2.20	1.82	2.98	.36	1.36	1.83	19.60
May	3.18	4.69	2.15	.48	.34	1.71	2.79	2.46	1.94	.89	21.93
June	3.49	.25	2.14	1.06	1.98	2.64	2.11	2.55	3.80	.77	20.79
July	4.47	1.85	1.58	2.35	.21	3.95	2.21	4.36	3.15	7.27	31.40
August	3.49	2.14	.36	2.39	2.35	2.36	1.07	2.87	2.35	1.33	20.71
September	3.77	1.97	2.67	2.22	4.31	1.77	1.10	1.33	1.21	1.55	21.90
October	1.17	3.21	5.75	1.57	3.48	1.79	2.15	3.08	3.48	3.61	29.29
November	2.26	1.32	2.33	2.65	4.16	2.91	2.93	2.75	3.15	3.89	28.35
December	1.05	1.11	.67	3.78	2.44	1.45	4.51	3.87	2.50	1.96	23.34
TOTALS	2090	22.87	25.09	24.17	27.37	28.42	31.89	26.86	30.75	28.37	276.69

1936. House 26 ft high 50 ft S.

1937. Trees 28-29 ft high 70 ft S.

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
1936			Driggfield	9 mi.				



Station No. T.F. 3401RAINFALL at Brandeburton (Hempholme) ✓

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County of East Riding Observer F. J. Affleck Esq.River Basin Humber - Left Bank Tills-3River Hull Catchment Board

Type of Gauge

THOMAS & F. YEAKE'S R.V. No.Annual Average 24.4 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. 5File No. 71955/37 2145.7/17

Diameter	5"		043	673							
Height	2' 6"			1							
Altitude	11'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	2.90	3.04	3.29	1.82	3.90	2.02	2.50	4.85	1.03	1.42	26.77
February	3.14	1.32	.26	2.15	1.69	2.03	2.47	1.29	.68	3.81	18.83
March	3.09	.77	.53	.32	.56	1.38	4.14	.88	1.22	1.51	14.40
April	1.59	1.13	1.03	2.33	1.75	1.22	1.47	1.65	1.83	3.26	17.36
May	1.47	3.48	2.79	.76	1.34	1.85	.49	2.07	1.52	1.90	17.67
June	.67	1.55	1.68	2.72	2.35	1.80	2.56	5.00	.80	1.01	20.14
July	3.63	2.03	.84	2.57	1.06	2.74	1.18	1.00	1.77	2.98	19.80
August	3.29	1.57	2.67	4.31	2.99	3.93	.56	4.15	2.45	3.12	29.04
September	.84	2.48	3.60	4.85	1.51	4.53	1.16	1.77	1.69	2.91	25.34
October	3.28	1.50	1.28	2.69	3.07	.97	.74	1.72	2.96	1.24	19.45
November	2.70	1.12	2.89	3.60	1.15	6.15	1.84	1.19	3.77	4.43	28.84
December	.42	1.37	1.47	2.15	.99	3.09	1.80	1.81	2.21	3.25	19.16
TOTALS	27.02 <sub>d</sub>	21.36 <sub>d</sub>	22.32 <sub>d</sub>	30.27 <sub>d</sub>	22.36 <sub>d</sub>	31.71 <sub>d</sub>	20.91 <sub>d</sub>	27.38 <sub>d</sub>	21.93 <sub>d</sub>	30.94 <sub>d</sub>	256.80

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

Reference No. ....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1942			Hullon Cravick	3 1/2	NW	Hempholme	1/2	NE

BRITISH RAINFALL ORGANIZATION

Station No. 3401 11

RAINFALL at Brandisburton (Hempdelme Lock)

51

County of East Riding - Yorks Observer Hull &amp; East Yorks River Bd.

River Basin Humber Left Bank Trib. 3

Type of Gauge

Annual Average 24.6 in. based on 47 years obs. un-weighted. Period of average 1881-1915 Ref. S  
25-93-35 1916-1950 21628137 P  
File No. 7196237

Diameter	5"	043	673								
Height	2'6"		1	1'11 1/2	1'7 1/2						
Altitude	11'		51								
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January	1.96	2.12	1.00	1.80	1.35	5.42	1.90	2.30	2.37	5.49	25.11
February	2.82	.87	2.22	2.14	2.32	2.16	2.63	3.96	.36	1.98	21.46
March	3.03	2.01	.43	2.10	2.44	1.15	1.26	2.10	1.23	1.37	17.12
April	1.21	1.59	2.52	.58	1.11	1.14	.45	1.08	2.71	1.43	13.82
May	4.00	1.59	1.34	1.72	3.24	1.17	1.27	2.06	.65	1.36	18.40
June	1.66	1.80	2.01	2.03	1.71	2.41	2.07	4.13	.95	0.27	19.04
July	2.06	1.62	1.16	1.52	1.03	3.78	3.54	2.70	1.18	3.77	22.36
August	5.48	2.24	2.48	5.82	.82	5.58	3.97	1.20	.78	4.05	32.42
September	1.44	3.95	1.36	2.24	.98	1.46	3.20	2.04	.22	2.53	19.42
October	1.06	2.47	1.62	3.90	1.96	1.50	1.98	1.99	1.83	6.57	24.88
November	4.04	3.87	1.93	4.70	1.29	1.39	2.37	.67	2.93	4.85	28.04
December	2.09	1.99	1.53	2.37	3.25	1.89	2.46	3.51	3.60	3.06	25.75
TOTALS	30.85	26.12	19.60	30.92	21.50	29.05	26.50	27.74	18.81	36.73	267.82
	D	D	D	D	D	D	D	D	D	D	

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓ low - 31-32 d. 34, 36-37, 40	✓ out d. 41, +347	