

# RAINFALL AT *Horvingham Hall*

Lat. ....

Lon. ....

County of *York*

*N.R.*

Rain Gauge, by .....

Observer *Meteorological Council*

*Sir Wm A. Wooley Bart*

*One, Servant - 14.*

Diameter ..					5						
Height ....					6						
Altitude ..					120						
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..					2.44	.56	3.72	.96	1.53	.92	
February ..					2.49	1.07	2.12	1.40	1.81	1.41	
March ....					1.72	2.32	2.02	1.55	3.32	4.64	
April .....					2.52	2.92	1.43	1.85	2.45	3.49	
May .....					3.38	1.28	2.51	5.05	1.56	1.74	
June .....					.83	1.10	.86	2.52	1.21	3.84	
July .....					1.32	1.30	1.52	2.15	2.71	3.50	
August ....					3.72	3.93	2.95	2.39	2.13	3.46	
September..					1.81	2.42	.70	.99	2.79	1.78	
October....					.75	2.28	5.28	4.29	1.18	3.41	
November..					2.50	4.53	3.06	3.39	2.28	.62	
December..					2.24	.45	2.47	3.99	2.05	5.03	
TOTALS ..					25.72	24.16	28.64	31.43	25.02	33.84	

1906 *Horvingham Church* 150 yards S.E.

*Spa Station* 1/4 mile N.E.

*Flax House* 12 ft high 20 ft S

3 Daily values, staff 23, R. 14.

RAINFALL at Hovingham HallCounty of N. R. YorkshireObserver Sir W. H. A. Worsley Bart 32 dayRiver Basin Onne Derwent 4

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

Diameter ...	5										
Height .....	0.6								00.9		
Altitude ...	120 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.29	1.84	2.87	3.22	1.63	3.48	.64	3.47	1.91	2.17	819
February ...	3.63	1.70	1.37	.93	1.79	3.21	3.09	1.16	2.23	1.76	824
March .....	.79	1.99	3.69	2.37	2.53	1.07	2.98	1.84	1.35	3.03	920
April .....	2.43	.85	.18	2.77	.73	1.16	1.71	2.31	1.10	1.58	670
May .....	3.86	1.77	2.58	2.12	1.73	1.44	3.06	1.75	2.69	.69	819
June .....	1.95	4.04	6.75	1.63	2.34	.27	2.48	1.91	.90	1.06	635
July .....	2.96	1.60	3.63	.21	6.07	7.00	2.55	1.21	3.56	2.61	993
August .....	3.51	3.66	4.62	1.51	1.59	3.61	2.29	6.61	2.08	2.41	1339
September ..	.53	2.91	1.81	.84	1.62	1.32	.73	.81	6.32	1.12	898
October .....	2.62	2.72	3.35	2.93	2.10	1.13	3.45	3.41	1.43	3.87	1216
November ..	3.04	4.11	2.48	2.16	3.97	1.45	3.06	2.04	1.62	2.04	876
December ...	3.46	4.85	1.32	2.21	6.08	5.43	1.70	1.55	4.35	4.05	1165
TOTALS ...	33.07	32.04	34.65	22.90	32.18	30.57	27.74	28.07	29.04	26.39	11174
	D	D	D	D	D	D				D	

1910-15 Daily values in bound volume, shelf etc., R. 114.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	54° 10'	0° 59'	Hovingham Spa. & Co.			Hovingham		

RAINFALL at Hovingham HallCounty of N.E. YorkshireObserver Sir W. H. A. Worsley Bt.River Basin Guse-Derwent &Agent, gen. B. Day, forH. O. Pattera Rain Gauge, by  
(125)(1929) Capt. W. A. Worsley

Diameter ...	5											
Height .....	0	9										
Altitude ...	119											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 <del>1931</del>	
January ...	3.73	3.18	3.35	1.91	2.71	1.67	3.10	2.68	5.62	3.82	4.39	3616
February ...	1.05	2.7	2.76	6.66	1.30	3.78	2.22	1.46	2.13	1.18	1.39	2415
March .....	1.86	1.19	2.33	1.96	1.72	1.38	1.14	2.24	3.14	4.7	2.56	2001
April .....	3.99	1.67	1.71	1.66	2.12	2.45	1.07	1.94	1.06	1.36	2.53	2156
May .....	2.33	1.76	1.27	2.85	4.94	3.81	2.64	1.10	1.62	1.90	1.38	2550
June .....	.89	1.0	2.42	.63	1.39	.09	4.87	3.99	4.49	1.87	2.39	2313
July .....	6.58	1.14	5.32	5.01	3.36	1.31	2.22	3.70	1.40	1.82	4.00	3656
August .....	1.71	4.40	2.39	4.52	2.75	2.54	3.14	6.43	4.36	3.09	3.67	3902
September...	1.33	1.16	2.40	4.05	2.57	3.13	1.31	5.78	.58	.59	3.35	2625
October .....	2.36	1.95	1.06	2.31	4.64	3.28	3.21	2.54	4.38	2.80	2.37	3090
November...	1.07	1.93	1.46	3.46	1.83	1.63	6.02	2.76	3.22	4.17	4.41	3196
December...	3.29	2.01	4.09	4.21	3.22	3.42	.97	2.64	2.30	5.44	2.61	3420
TOTALS...	30.21	21.41	30.56	39.23	32.55	28.49	31.91	37.26	34.30	28.41	35.05	34938
	D	D	D	P	P	D	D	D	D	D	D	

1926. Record possibly big.

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
1920	54° 10'	0° 59'	Hovingham Spa	1/4 mi	NE	Hovingham	60 yds	E



RAINFALL at Hovingham Hall.County of North RidingObserver Sin  
Capt. W. A. Worsley, Bank.River Basin Duse - Derwent - 4

Type of Gauge

Annual Average 29.2 in. based on 23 years obs. un-weighted. Period of average 1851-1915 Ref 5

Diameter	5.										
Height	0.9.										
Altitude	119.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.33	2.01	2.26	2.27	2.53	4.44	3.24	3.39	4.42	(2.13)	29.02
February	2.83	.78	6.29	2.21	3.07	2.30	4.33	1.24	1.34	(1.46)	25.85
March	.97	2.47	2.68	2.28	.84	1.55	3.36	.21	2.38	.69	17.43
April	3.16	1.81	1.65	2.63	3.11	1.45	3.24	.09	1.42	.42	18.96
May	2.77	6.06	2.99	1.28	1.24	2.00	2.92	3.35	1.27	1.86	25.74
June	4.43	.56	3.67	1.64	3.10	4.23	1.93	2.12	2.46	.60	24.74
July	3.99	2.86	2.12	2.85	.69	3.21	1.51	2.90	3.41	4.30	28.84
August	2.66	2.08	.70	3.04	2.16	3.74	1.71	2.25	1.87	.61	20.82
September	4.53	2.85	1.76	1.57	4.92	2.17	1.64	2.60	.79	1.76	24.53
October	1.58	3.80	4.87	1.72	3.59	1.96	3.18	4.30	3.04	2.93	30.97
November	4.15	1.64	2.93	1.15	4.84	2.91	2.24	3.42	3.21	2.74	29.23
December	1.41	2.16	.96	4.74	2.84	2.12	4.21	4.48	2.19	1.86	26.97
TOTALS	34.81	30.08	32.88	27.38	32.93	32.88	33.51	30.35	27.80	21.36	30.28
	D	D	D	D	D	D	D	D	D	np D	

1940 np low. Jan + Feb est. 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
1931			Hovingham Spa	1/4 ml	NE	Hovingham	100 yds	E

Station No. 3455RAINFALL at Hovingham Hall

41

County of North Riding Observer Col. S. W. A. W. Bt.River Basin Don - Derwent - 4

Type of Gauge

Annual Average 22.2 in. based on 23 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 169693/32

Diameter	5'										
Height	0' 9"										
Altitude	119'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.97	3.96	4.06	2.66	4.03	1.95	2.62	5.15	.82	1.48	2970
February	(2.93)	1.81	.65	2.33	2.01	1.22	3.27	1.42	.76	3.69	2009
March	(2.27)	1.81	.47	.49	.41	1.36	4.71	1.02	1.32	1.19	1505
April	1.64	1.74	1.28	2.34	1.67	2.24	2.32	.77	1.76	2.03	1779
May	1.62	2.71	2.57	.86	1.46	1.77	2.27	1.59	1.67	1.53	1805
June	.30	.74	1.85	2.91	2.17	2.39	1.92	4.57	.61	1.31	1877
July	2.69	2.64	.93	3.23	1.29	2.82	2.25	1.32	1.58	2.27	2112
August	2.92	2.54	3.19	3.70	3.31	2.88	.13	2.83	1.94	5.06	2850
September	.54	1.92	3.65	3.97	1.45	4.70	1.35	1.22	.69	3.04	2253
October	3.77	2.07	1.55	2.45	2.18	.67	.50	.96	2.39	1.48	1862
November	3.24	.82	2.50	3.49	.53	4.67	1.67	.78	3.42	3.48	2460
December	.54	2.16	1.56	1.54	1.50	2.43	1.71	2.17	2.44	2.29	1944
TOTALS	(25.43) n.p.	24.92 D	24.26 D	23.97 D	22.01 D	29.10 D	24.72 D	23.80 D	19.40 D	30.00 D	25366

1941 n.p. too many adjustments. Jan - May part sold for leak.

30004

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.
1941			Hovingham.	1/4 ml.	N.E.	Hovingham.	100 yds	E.

BRITISH RAINFALL ORGANIZATION

Station No. 3455

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RAINFALL at Horwingham HallCounty of North Riding - Yorks.Observer Col. Sir William P. Nossley, M.C.River Basin Ouse - Derwent - 4

Type of Gauge.....

Annual Average 29.0 in. based on 23 years obs. up-weighted.Period of average 1881-1915Ref. S29.08 " " 35 " " 1916-1950File No. 1916-1950169493/32 P

Diameter ...	5"			0.69	4.62							
Height ...	0'9"				1							
Altitude ...	119'				51							Totals
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960		Means
January ...	2.14	2.04	.82	1.34	.91	3.84	1.54	2.30	1.78	3.85		20.56
February ...	2.22	.72	1.92	2.22	2.16	1.48	2.30	3.74	.62	2.28		19.66
March ...	3.28	2.11	.14	1.40	1.65	.99	1.90	2.71	1.27	0.79		16.24
April ...	1.10	1.57	2.45	.08	1.09	1.15	.25	.86	3.08	1.18		12.81
May ...	3.52	1.10	1.79	3.49	1.95	.70	1.19	2.51	.63	1.06		17.94
June ...	1.30	1.49	1.79	1.66	2.00	2.64	1.85	2.95	1.64	0.42		17.74
July ...	2.38	1.20	2.30	2.07	1.21	4.60	2.79	2.30	2.02	4.54		25.41
August ...	6.00	1.83	3.48	4.31	.49	7.13	4.33	1.86	.28	1.94		31.65
September ...	1.73	3.64	1.22	1.87	1.11	1.89	3.13	2.16	.25	2.74		19.74
October ...	1.41	2.29	1.80	2.19	1.75	1.11	2.79	1.59	1.40	5.45		22.78
November ...	5.11	1.97	2.23	4.51	2.10	.99	1.61	.93	3.05	3.64		26.14
December ...	2.52	2.00	1.08	1.71	3.01	2.20	2.37	2.88	3.24	2.72		23.73
TOTALS ...	32.71	21.96	21.02	27.85	19.43	28.72	26.05	26.79	19.26	30.61		254.40
	D	D	D	3	D	D. n.p.	n.p.	n.p.	n.p.	n.p.		

1955 thought to be a little low

1956 n.p. low. not covered with obs.

1957 n.p. low

1958 n.p. low

1959:- n.p. low

1960 n.p. low

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference

SE(40)665757

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951.			Horwingham	1/4 m. NE.	Horwingham	100 yds E.

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
	✓	✓	✓	✓ n.p. 41.	
	✓ 1921-10 18	✓	✓	✓	