

RAINFALL at Fewston John & FawcettCounty of YorkshireObserver A. S. Westby Ch.River Basin Great OuseRain Gauge, by Bradford

Diameter ...				5							
Height .....				10							
Altitude ...				600							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...				3.64	1.72	4.80	2.12	2.30	2.80	3.49	
February ...				1.56	1.68	3.74	4.15	.82	3.60	2.35	
March .....				4.00	3.56	.83	3.60	2.21	1.25	3.06	
April .....				4.00	1.14	1.25	2.00	1.20	.85	1.56	
May .....				2.56	1.11	1.57	3.20	1.80	4.50	1.60	
June .....				1.48	3.16	.43	1.82	2.26	.95	1.15	
July .....				.77	3.86	3.00	2.28	1.66	5.10	3.28	
August .....				1.49	1.50	2.54	2.30	6.66	3.20	2.10	
September ..				1.54	1.62	.58	1.86	.90	7.62	1.20	
October ...				2.56	2.74	1.50	5.86	4.39	2.10	3.50	
November ..				2.74	4.90	2.00	3.50	3.00	1.80	2.06	
December...				1.50	6.08	6.57	2.44	1.60	6.00	5.20	
TOTALS ...				27.84	33.07	28.81	35.13	28.90	39.77	30.55	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Fewston	1 1/4 m	N	Birstwith	3 1/4 m	NNE



RAINFALL at Harrogate W. W. John o'GauntCounty of W. R. YorkshireObserver A. J. West Esq. B.E.River Basin Cuse-Ridd IIWater Eng. HarrogateRain Gauge, by Bradford  
8.00 blaken  
no rain can } Jul. 23ceases  
→  
→ slight.

Diameter ...	5	8			5							
Height .....	1	0										
Altitude ...	600											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	4.20	5.20	3.25	2.00	2.30	2.57	3.41	2.30	6.00	2.16	6.00	
February ...	2.40	2.7	3.10	4.85	.94	5.00	3.09	1.45	3.25	.65	1.33	
March .....	2.80	1.80	2.17	1.34	1.60	1.16	2.06	2.42	3.03	.64	2.40	
April .....	4.90	1.10	3.25	2.60	1.81	3.40	1.05	2.42	.91	1.35	3.02	
May .....	3.33	2.06	1.05	3.10	3.89	5.20	2.40	1.20	2.20	1.53	1.48	
June .....	3.10	.08	1.50	.96	2.95	.07	3.86	3.50	6.00	1.08	2.25	
July .....	6.05	1.86	4.61	3.54	4.95	.96	2.40	4.80	.85	3.18	4.56	
August .....	1.30	3.82	5.50	4.35	3.24	3.00	3.70	7.62	3.60	2.40	3.62	
September...	1.00	1.15	3.73	3.45	3.60	2.18	1.18	3.89	1.07	.56	3.85	
October .....	3.10	1.95	1.15	3.85	3.53	3.50	3.24	3.56	5.41	3.49	3.00	
November...	1.59	2.70	1.20	3.65	2.76	2.25	5.55	3.27	7.35	3.95	4.56	
December...	3.50	4.30	3.37	3.80	3.26	4.16	1.20	3.98	2.20	7.30	2.86	
TOTALS...	37.27	26.29	33.88	37.49	34.83	33.45	33.14	40.41	41.87	28.29	38.93	
	M	M	M	M	M	M	M	M	M	M	M	

Inspector G. J. 3. VII. 23 5 in grass meadow in valley running S.W. + N.E.  
 Grass required cutting the gauge being buried in the grass. Recommend putting  
 stone round gauge to keep grass down. Good shelter all round  
 except in direction of valley. Good exposure.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1929 16			Leuoston	1 1/4 mi	N	Birdsworth	3 3/4 mi	NNE



RAINFALL at Harragate W.V. (John o' Gaunts)County of West RidingObserver A. S. West, Esq., C.E.River Basin Ouse - Nidd - Il.

Type of Gauge .....

Annual Average 33.8 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. 1.W.5  
(1939) 33.8 14 660560/26

Diameter	5.										
Height	1.0.										
Altitude	600										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.95	3.08	2.17	2.24	1.63	4.00	4.15	4.70	5.00	1.79	
February	1.86	.42	3.15	.28	4.00	3.23	4.50	1.52	3.46	1.87	
March	.72	2.36	1.60	2.86	.85	2.52	3.16	.45	2.94	2.50	
April	2.65	2.99	2.82	3.58	1.87	1.25	3.00	.22	1.66	2.47	
May	3.70	4.64	3.43	1.84	1.23	2.70	3.30	2.40	1.12	.90	
June	6.40	.75	1.45	1.85	3.60	6.15	2.89	3.03	2.40	.68	
July	3.39	4.50	1.98	1.50	.60	4.60	2.20	3.08	5.85	4.25	
August	4.53	1.58	0.39	1.40	2.51	3.34	1.35	3.83	3.60	.71	
September	5.86	2.69	2.38	2.45	6.00	1.95	1.50	3.30	1.00	2.75	
October	1.24	4.00	3.39	3.20	5.25	2.18	2.85	5.95	2.48	2.30	
November	5.07	2.57	3.40	2.50	6.60	4.00	1.94	3.76	6.97	5.10	
December	1.35	1.40	0.90	6.45	2.43	2.53	2.20	5.27	2.60	3.34	
TOTALS	40.22	20.88	27.06	30.15	36.57	38.45	33.04	37.51	39.08	28.66	

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
1931.			Darley	3 $\frac{1}{4}$	NNW	Fewston	1 $\frac{1}{2}$	W



RAINFALL at Hamogate W.W. Station No. 3354 **41**  
 County of West Riding Observer A. S. West Esq. CE. Revised 1945  
 River Basin Ouse - Nidd - Il. The Lakes Engineer  
 Type of Gauge.....

Annual Average 32.8 in. based on 14 years obs. un-weighted. Period of average 1881 - 1915 Ref. W.S.

File No. 660569/26

Diameter	5"		058	436		8?	8"				
Height	1' 0"			1							
Altitude	600'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	5.10	(3.25)	4.35	3.85	3.95	3.62	2.45	6.20	1.29	1.86	
February	5.00	3.24	1.93	1.72	3.15	2.32	(3.93)	1.65	.90	6.18	
March	4.03	2.60	.99	.47	(1.28)	1.39	(6.83)	1.34	1.00	1.95	
April	2.49	1.51	1.60	3.20	(2.18)	1.62	3.85	2.13	(7.53)	2.90	
May	2.38	2.60	2.45	1.21	2.57	2.97	3.44	.97	1.50	1.90	
June	.09	1.08	2.30	2.61	3.63	2.48	3.05	2.93	.36	.70	
July	2.51	2.40	1.82	3.95	2.16	4.28	1.80	1.42	2.50	3.74	
August	3.40	2.70	3.04	3.05	3.58	5.37	.45	4.29	2.22	6.34	
September	.39	1.52	3.60	5.30	1.90	6.85	1.60	2.61	1.17	6.34	
October	4.28	2.71	1.92	3.14	5.15	1.75	1.56	1.77	3.04	1.50	
November	3.25	1.50	2.82	6.26	.65	6.65	3.30	1.40	4.51	4.34	
December	1.25	2.94	2.30	3.41	2.61	2.50	2.60	3.12	4.44	1.86	
TOTALS	34.14 M	28.05 M	29.12 M	38.17 M	32.81 M	41.20 M	34.86 M	29.83 M	24.46 M	36.61 M	

1942 Jan. est'd by observer.  
 1947. Feb. & Mar. part est'd for snow  
 1948. 7 p. low.

14004

30004

04004

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.
1941			Darley	3 1/4 ml.	N.N.W.	Fewston	1 1/2 ml.	W.

BRITISH RAINFALL ORGANIZATION



Station No. 3354RAINFALL at 8 Harragate W.W. (John O'Gaunts)

51

County of West Riding - Yorks.

Observer

W. Water Engineer,  
Elvo Water BoardRiver Basin Don - Ridd - 11

Type of Gauge

H.O.Annual Average 33.8 in. based on 46 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. J. N. S.File No. 660560/26 E 16133/53

Diameter ...	8"		058	436		on 1090					
Height ...	1'0"			1		7"			11"		
Altitude ...	600'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.38	1.94	.78	(2.57)	2.19	4.90	2.73	2.89	3.32	5.92	
February ...	3.15	.71	2.42	2.55	2.75	2.65	3.11	5.40	.24	2.60	
March ...	4.29	2.38	.72	(2.17)	2.32	1.67	3.02	2.30	1.48	2.59	
April ...	1.15	1.15	2.36	.87	.99	2.92	.27	.87	4.32	2.02	
May ...	4.85	2.06	1.89	(4.21)	3.34	1.15	1.33	4.33	1.15	1.03	
June ...	.58	1.56	(1.70)	2.17	2.42	2.74	1.88	4.46	1.36	1.28	
July ...	1.90	1.20	2.48	1.30	1.35	5.67	3.32	3.45	2.45	5.50	
August ...	4.88	3.24	(4.50)	5.47	2.18	7.04	5.34	2.32	.79	3.02	
September ...	4.34	4.46	2.70	2.89	2.06	4.63	4.52	4.07	.21	3.59	
October ...	.96	3.74	(1.96)	5.03	2.76	1.57	4.09	2.55	3.46	6.35	
November ...	7.68	1.50	2.45	6.00	2.54	1.15	2.29	.93	4.85	5.90	
December ...	4.03	2.62	(1.76)	4.33	4.80	2.61	3.84	5.85	7.22	4.82	
TOTALS ...	39.19	26.56	(25.72)	(39.56)	29.70	39.70	35.74	39.42	30.85	44.62	
	M	M	n.p.	M	M	M	M	M	M	M	

1953. n.p. too much est. 52004

1954. check in gauge, new container fitted at end of May 1954. (see file 1516133/53 June 29th)

Tree 55' 90" NNW, 60' 40" N otherwise satisfactory exposure and turf well unmanured

Avg. 34.06 in. based on 38 yrs. obs. within 1916-57. o/e 2 1/2 in. low. Period of av. 1916-50-5.   
 5 Turf well -Rejected. 215544

Position of Station on Ordnance One-Inch map :

No. of Map 96National Grid Reference 44/27546

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1951			Darley	3 1/4 m	NNW	Heaton	1 1/4 m	W.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C1913	✓	✓	✓ 40+8-49	