

RAINFALL at Hannogate Longstop NCounty of W.R. YorkshireObserver A. L. West Esq. C.E.River Basin Once. Nid

Bradford Rain Gauge, by _____

Diameter ...				5							
Height				10							
Altitude ...				700							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...				3.72	1.85	4.90	2.46	2.40	2.90	3.60	
February ...				1.32	1.85	3.80	4.25	.76	3.80	2.40	
March				3.76	3.10	.85	3.50	2.30	1.20	3.03	
April				3.20	1.15	1.35	1.80	1.30	.80	1.60	
May				2.55	1.60	1.75	3.10	2.00	3.90	1.55	
June				1.35	3.10	.48	1.90	2.45	.90	1.11	
July				1.80	3.60	1.90	2.20	1.45	8.20	3.20	
August				1.00	1.60	2.90	2.25	6.84	3.14	2.30	
September ..				1.60	1.40	.55	1.76	.90	7.80	1.30	
October ...				2.75	2.65	1.55	6.20	4.55	2.00	3.40	
November..				2.35	5.05	1.95	3.25	3.35	1.60	2.03	
December...				1.55	6.07	7.75	2.35	1.20	6.20	5.30	
TOTALS ...				26.95	33.02	29.73	35.02	29.50	38.84	30.82	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Fewston	14 m	SW	Bridisth	3½ m	NE

RAINFALL at Harrogate N.W. Long Stoops

Also known
as Ellise's Farm.

County of N. R. Yorkshire

Observer A. S. West Esq. C.E.

River Basin Ure - Nidd

Water Engt. Harrogate

Location

Bradford Rain Gauge, by Casella

{ 5.00
4.98
5.02

8949

M in drain-pipe. Good condition 14.1.23.

Diameter ...	5"									1930 MEANS:
Height	1.0									
Altitude ...	700									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...	3.85	5.00	3.20	2.05	2.44	2.70			5.80	2.19
February ...	2.20	2.4	3.45	5.00	1.00	4.96			3.57	.63
March	2.60	1.89	2.00	1.85	1.40	1.10			3.10	.61
April.....	4.60	1.00	3.40	2.70	1.85	4.00			.90	1.29
May	3.60	2.00	1.00	3.30	3.95	5.17			2.30	1.44
June	3.00	1.2	1.35	.98	3.20	.05			5.65	1.03
July	5.90	1.78	4.90	3.90	4.89	1.00			.70	3.21
August	1.20	3.76	5.50	4.30	3.40	3.05			3.75	(2.50)
September...	1.20	1.20	3.61	3.70	3.55	2.25			1.10	.53
October.....	3.12	2.00	1.20	4.00	3.60	3.80			5.15	3.33
November...	1.65	2.65	1.30	4.00	2.72	2.20			8.00	4.22
December...	3.30	4.50	3.24	3.70	3.40	4.08			2.75	7.50
TOTALS...	36.12	26.14	34.15	39.18	35.40	34.36	no	no	42.27	(28.48) 39.09
	M	M	M	M	M	M			M	M

2 inspects 9/3. 3.14.23 S. on open field with bushes round. some shelter to SSW — small large 30 yds S + less 150 yds W. Open to E + N but flat. Recommend boundary fence up to 1 ft 6 in. will suffice. Slightly overexposed — fairly good.

1926/7 no obs. gauge out of order. Recommended 1928 as Ellise's Farm
1929 August estd. gauge out of order. See file 660560/26, incl. 32A. Letter to Glass.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920			Leeds	1 mi SW		Birstwith	3/4 mi NE	
			BIRSWITH	3 1/2 mi NE		FEWSTON	1 1/4 mi SW	

RAINFALL at Harrogate W.W. (Long Stoop)

County of West Riding

Observer A.S. West, Esq., C.E.

River Basin Ouse - Nidd - 11

Type of Gauge

Annual Average 31.7 in. based on 10 years obs. un-weighted. Period of average 1921-1935 Ref. 1.W.S.
(1939) 33.8 10 660560/26

Diameter	5.										
Height	1.0.										
Altitude	700.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
January	2.10	3.17	2.30	2.17	1.53	4.18	3.70	4.60	5.45	1.52	30.72
February	1.80	3.35	4.00	2.28	3.90	3.10	3.50	1.40	3.40	1.58	23.31
March	1.70	2.60	1.00	2.92	1.60	2.36	3.05	1.42	2.72	2.45	19.22
April	3.70	3.00	2.80	3.62	2.00	1.18	2.98	1.21	1.53	2.93	23.95
May	3.50	4.80	3.50	1.95	1.95	2.62	3.25	2.77	1.03	1.00	24.87
June	6.70	7.71	1.68	1.70	3.65	6.05	3.02	3.20	2.34	.79	29.84
July	3.98	4.26	2.15	1.45	1.58	4.16	2.05	3.13	5.72	4.70	32.18
August	4.06	1.62	0.40	1.42	2.52	3.29	1.03	3.95	2.93	.63	21.85
September	5.40	2.70	1.45	2.20	6.95	2.64	1.31	2.72	1.52	2.50	28.39
October	1.22	4.25	3.35	3.28	4.90	2.27	2.59	5.50	2.78	1.95	32.09
November	5.00	2.88	3.60	2.40	6.40	3.70	1.81	3.50	7.00	5.00	41.29
December	1.50	1.46	0.88	6.50	2.45	2.45	2.05	5.47	2.34	3.17	28.24
TOTALS	39.66	31.20	27.64	29.89	35.43	38.00	30.34	36.87	38.76	28.22	335.98

1938 October - standard turf wall erected.

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
1931			Darley	3 m	N	Fewston	1 m	SW

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 3355

RAINFALL at Harrogate W.W. (Long Stump)

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County of West Riding Observer A.S. West Engg. SE.
 River Basin. Dales Nidd - II The Water Engineers
 Type of Gauge.

Annual Average 33.2 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S

File No. 660.5.60/26

Diameter	5"	258	439									
Height	1' 0"		1									
Altitude	700'		41									
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	5.10	(3.25)	4.64	3.73 (4.00)	3.64	2.60	1.50	1.72	1.88	3.796		
February	4.90	3.15	1.97	1.51 (3.67)	1.56 (4.25)	2.55	1.85	6.41	30.82			
March	(3.97)	2.57	1.10	1.43 (1.80)	1.35 (6.85)	1.90	1.30	1.98	23.20			
April	(2.72)	1.25	1.70	3.85 (2.33)	1.50	4.18	2.71	2.43	2.82	25.49		
May	2.51	2.55	1.85	1.24	2.84	3.07	2.80	1.05	2.10	2.22	22.23	
June	.12	1.89	2.40	2.55	3.53	2.56	3.27	3.20	.69	.92	20.13	
July	2.68	2.32	2.04	4.54	2.16	4.71	1.99	1.35	2.47	3.10	27.36	
August	2.50	2.56	3.09	3.35	2.81	5.61	4.43	4.61	2.27	5.68	32.91	
September	.48	1.40	4.25	5.30	1.78	6.00	2.00	2.70	1.30	5.48	30.64	
October	4.20	2.76	2.14	3.20	5.38	1.93	1.50	1.80	3.61	1.80	27.82	
November	3.42	1.43	2.64	6.78	.62	6.90	3.20	1.55	4.59	4.62	35.75	
December	1.40	3.15	2.45	4.50	2.38	2.40	3.46	3.20	4.90	1.98	29.77	
TOTALS	34.00	27.28	30.17	40.98	33.30	41.23	36.53	34.12	29.23	37.24	344.08	

1941 March & April apportioned from nearby sites.

1942 Jan. cold by 60

1945 Jan.-March apportioned
1947 Feb.-Mar. part used for snow

74004

30004

14004/40004

Turf well round gauge (C.R. footstool).

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
1941			Darley	3 mi.	N.	Newton	1 mi.	S.W.

Station No. 3355

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RAINFALL at ⁸ Harragate N.W. (Long Stoop)

County of West Riding, Yorkshire

Observer

River Basin. Ouse - Ridd - H.

St. Water Engineer,
Claro Water Board

Type of Gauge. H.O.

Annual Average 33.8 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref I.W.S.
" " 34.36 " " within 1916-57 " " 1916-50

File No. 660580746 E 16137/53

Diameter ...	5"	058439									
Height ...	1' 0"	1									
Altitude ...	700'	51									
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.05	2.65	.85	(2.54)	2.65	4.90	2.87	3.38	3.57	6.40	31.86
February	3.00	.62	1.96	(3.07)	3.03	2.45	3.07	6.34	.29	3.34	27.17
March	3.75	2.04	.80	1.96	2.40	1.75	3.02	2.35	1.56	2.63	22.26
April	1.66	1.47	2.46	.40	1.66	2.91	.28	.94	4.40	2.15	18.33
May	6.01	2.04	1.72	4.10	3.43	1.18	1.28	4.39	1.24	1.00	26.39
June	1.02	1.54	1.65	2.16	2.55	3.12	2.19	4.12	1.35	1.32	21.02
July	1.94	1.35	3.14	1.82	1.35	5.81	3.50	4.17	2.30	5.47	30.85
August	5.62	3.93	4.52	6.40	2.24	7.42	5.94	2.55	.71	3.14	42.47
September	2.85	4.56	3.17	2.94	2.33	4.80	4.58	4.07	.19	3.66	33.15
October	1.20	3.77	1.96	5.11	2.88	1.57	4.10	2.77	3.25	6.54	33.15
November	8.00	1.87	3.41	6.15	2.60	1.13	2.38	.97	5.12	5.98	37.61
December	4.65	2.53	1.66	3.96	3.93	4.03	3.53	5.94	7.23	4.77	42.23
TOTALS ...	41.75	28.37	27.30	(40.6)	31.05	41.07	36.74	41.99	31.21	46.40	366.49
	M	M	M	M	M	M	M	M	M	M	

1954 quarter previous. New gauge installed 4/54. To take 1955 values on
July 1959/8.0K. Dry-except all directions. Tuf well fav.

6000ft

3 Tuf Wall.

212552

Position of Station on Ordnance One-Inch map : No. of Map 96 National Grid Reference 44/222222

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Darley	3m. N	Hawton	1m. SW.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C 1913	20-25, 28-30	J	✓	