

RAINFALL AT Nidddale Rain Stang

Lat.

Lon.

County of

Yorkshire

Rain Gauge, by

Observer

A R Birnie Esq C.E.

Once-Nidd 11 monthly

Diameter . . .	5"	5"									
Height	1.0	1.0									
Altitude	1480	1480									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	M.B.A.N.S.
January									1.88	1.90	
February98	2.20	
March									4.80	2.60	
April									5.15	3.20	
May									1.85	2.60	
June									3.90	.10	
July									5.60	4.70	
August									3.45	6.20	
September									2.10	1.28	
October									1.70	7.80	
November									11.50	1.02	
December									3.45	3.95	2.25
TOTALS									46.86	35.85	

RAINFALL AT Nidderdale Rain Stamp
 Lat. _____ Len. _____ County of York W.R.
 Rain Gauge, by _____ Observer Watson Eg. Ch.

OUSE - Nidder 11

Diameter	5									
Height	10									
Altitude	1470 ft									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899 MEANS.
January	2.90	2.80	1.65	8.30	5.00	2.57	2.50	3.88	9.50	
February55	1.60	7.95	10.30	1.50	1.26	3.50	3.80	5.50	
March	1.90	.51	1.25	4.12	3.80	5.64	6.93	2.06	2.28	
April.....	2.10	2.00	.48	3.73	3.80	1.95	2.58	4.85	4.15	
May	3.20	4.75	2.50	3.00	.40	.71	1.53	2.70	4.80	
June	1.30	4.70	3.07	3.15	2.70	3.00	3.11	3.60	1.55	
July	6.20	2.50	4.39	4.47	6.64	2.66	1.83	.85	3.00	
August	8.65	6.10	4.50	2.93	4.00	2.55	5.72	5.60	1.89	
September....	2.90	3.46	3.05	.62	2.25	8.77	4.82	1.87	6.80	
October.....	6.35	11.33	3.70	8.67	4.25	4.85	2.33	8.60	4.10	
November....	5.50	2.98	2.30	4.46	7.12	1.30	3.73	4.63	4.10	
December	9.90	1.28	4.50	4.78	3.55	6.60	7.68	4.70	3.53	
TOTALS	43.23	51.45	44.01	39.34	58.52	45.01	41.86	46.26	47.14	51.20

1890 from P.T. VIII-19

RAINFALL AT Nidddale Rain Gauge

Lat.

Len-

County of York wth Northern

Rain Gauge, by

Observer. J. Watson Esq. Ch.

mid - II. M

Diameter	5									
Height	10									
Altitude	1470 T									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January	3.50	3.00	6.05	7.35	1.47	6.43	Mar. of Jan. 27 7.00	4.00	2.30	
February	4.52	4.07	1.70	5.40	3.05	2.40	3.45	5.44	3.20	2.50
March	1.56	2.80	1.40	7.15	4.15	3.86	3.42	3.44	4.26	3.20
April	3.06	4.00	1.65	1.46	4.15	4.60	.95	3.70	3.20	3.60
May	2.05	2.05	3.08	4.70	4.27	.95	5.92	5.60	3.60	2.50
June	4.15	1.95	1.60	2.40	2.70	1.42	2.33	5.00	1.70	3.10
July	2.71	3.90	3.95	3.54	2.65	.95	2.30	2.72	4.45	4.10
August	7.61	3.15	2.00	5.82	3.97	4.63	4.45	2.70	3.25	4.27
September	1.50	2.10	2.50	5.93	1.98	3.83	.70	.73	6.15	2.95
October	8.00	2.50	4.85	8.80	1.95	2.65	10.83	7.14	3.35	6.60
November	6.25	5.12	4.25	2.90	3.70	6.25	6.00	3.95	4.47	2.85
December	5.20	5.80	2.95	3.40	5.60	2.60	Augm Augm	2.20	4.54	
TOTALS	50.11	37.44	32.93	57.85	45.52	35.61		(43.83)	42.51	

1900 Gauge figures could not be properly read until end of February

1901 Gauge frozen in Jan 1, partly melted in Feb, & March
and emptied end of April

1906 f forgo for Dec + unavailable on 26 Jan 1907

1907 Jan & Feb, include part of Dec 1906

1908 Dec 1907 + Jan 1908 small - not printed

057 576

10 3372

RAINFALL at Niddsdale Rain Stamp No. 29

County of W.R. Yorkshire

Observer Mr J. Watson Esq. C.I.

River Basin Once Nidd

L. Mitchell Esq. C.I.

Rain Gauge, by

Diameter ...	5											
Height	1.0											
Altitude ...	1470T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS.	1916-19 TOTALS
January ...	5.65	2.40	3.84	5.50	5.60	8.50	8.25	3.77	4.09	6.23	22.34	
February ...	5.45	7.40	3.05	6.40	5.93	8.20	4.50	1.80	5.38	3.00	14.18	
March	1.40	1.77	6.52	8.75		3.25	3.20	2.15	2.73	5.21	13.29	
April	3.30	2.45	.85	6.20	2.15	2.37	3.12	2.35	2.07	2.50	10.04	
May	2.40	2.00	3.50	3.23	3.22	1.45	2.57	2.45	3.47	1.95	10.44	
June	1.60	3.60	7.55	3.50	3.90	.50	2.85	3.76	1.13	1.07	8.81	
July	3.12	.46	5.00	1.10	2.82	6.30	2.60	2.41	6.20	1.73	12.94	
August	7.30	3.45	8.75	2.00	2.50	4.05	3.50	7.30	3.63	4.02	18.45	
September ..	1.20	3.00	3.05	2.20	3.00	.52	2.39	3.50	12.93	3.67	22.49	
October ...	5.15	5.80	4.80	3.33	2.90	1.19	9.10	7.75	3.65	4.50	25.00	
November ..	4.65 (7.00)	4.15	6.50	8.80	1.30	5.83	5.20	3.77	4.55	18.85		
December ...	4.80	6.50	8.00	3.75	10.00	8.00	4.54	2.05	8.35	7.45	22.39	
TOTALS ...	46.02	(45.83)	59.06	52.46	int. 45.63	51.95	43.99	57.40	45.88	199.22		

1911 Interpolated. Last Nov. estd.

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

RAINFALL at Nidderdale Rain Stang N° 29

County of N. R. Yorkshire

Observer L. Mitchell Esq. C.E.

River Basin Guse Nidd 11

Bapt.: Bradford for W.W.

On Sandstone Rain Gauge, by

5.00
5.00 }
5.00 good condition

W. Newlands, Eng. & C. (1930)

M

Diameter ...	5"									1930 Midyear.	
Height	10										
Altitude ...	1470										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	9.23	9.97	5.20	5.25	4.90	6.90	6.50	4.90	11.78	1.40	8.27
February ...	4.94	5.0	4.70	6.20	6.2	7.40	5.12	3.39	5.73	.53	1.10
March	5.15	5.26	3.65	1.47	1.65	1.20	2.10	4.16	3.95	.58	2.97
April.....	7.59	1.17	3.25	3.60	2.80	5.65	2.17	3.65	.92	1.85	3.68
May	5.30	2.75	.98	4.15	7.50	5.35	3.62	2.96	(2.69)	2.98	1.63
June	1.80	1.87	2.35	1.18	1.72	.19	3.75	4.16	6.75	1.86	1.97
July	8.30	4.90	6.25	3.20	7.16	1.95	4.23	6.25	1.60	2.60	6.79
August	3.20	6.40	4.95	7.52	4.45	4.75	5.09	11.20	6.40	4.70	6.72
September...	1.88	2.95	5.20	6.35	6.55	2.90	4.00	9.65	.76	1.68	5.85
October.....	2.41	4.03	1.83	8.15	6.25	6.50	4.05	8.05	(7.60)	6.03	6.83
November...	4.68	2.68	2.70	9.05	4.93	2.50	8.67	5.50	9.61	7.97	7.79
December...	5.50	12.03	5.80	3.47	8.05	5.73	1.61	2.12	3.22	11.26	4.63
TOTALS...	59.98	54.31	46.86	59.92	56.58	51.02	50.91	165.99	61.01	43.44	58.23
	M	M	M	M	M	M	M	M	M	M	M

Inspected of. 6.VII.33. S. situated on open moorland on summit of fairly flat hill running W-E. Ground rises slightly to NW. S-E but a little over-exposed to S-N. Recommended to be moved 85 yds NE to get some shelter on W-S-E. a little open on N but good flat shelter before valley side. Present position is somewhat overexposed. New position should be satisfactory.

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

Reference No. _____

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

RAINFALL at Nidderdale (Rain Stang)

County of West Riding

Observer Bradford Corp. W.W.

River Basin Ouse - Nidd - II

W. Newlands Esq. C.E.

Type of Gauge Snowden

The Engineer, Bradford W.W.

Annual Average 47.4 in. based on 40 years obs. un-weighted. Period of average 1881-1915 Ref.

660554/26

Diameter	5'											
Height	100											
Altitude	1470											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals	
January	4.20	6.90	3.47	4.68	2.47	5.72	6.10	7.93	6.75	2.84	51.06	
February	4.94	6.61	5.10	3.30	6.90	1.89	6.88	2.72	5.00	4.87	39.21	
March	.85	3.27	(265)	2.98	1.63	3.68	3.51	1.80	2.75	3.20	26.32	
April	3.46	4.73	2.47	4.08	4.10	1.06	3.76	.46	2.33	2.85	29.30	
May	3.23	5.06	3.18	4.20	3.31	.93	3.31	3.61	.90	2.13	26.86	
June	7.06	2.47	1.21	2.43	4.09	6.50	2.23	6.11	3.95	.62	36.67	
July	4.39	4.78	4.10	1.29	1.73	6.10	2.76	4.93	5.15	5.63	40.86	
August	4.17	2.03	0.98	3.97	1.23	2.91	2.91	4.97	3.47	1.13	27.77	
September	4.10	6.00	2.47	3.98	7.73	3.61	2.82	2.21	3.16	3.35	37.92	
October	1.96	6.80	4.50	7.41	8.65	5.40	2.47	14.93	4.15	4.52	60.79	
November	7.41	4.06	3.68	1.94	8.41	5.54	1.78	8.36	5.95	8.64	55.77	
December	3.35	2.67	0.86	7.31	2.49	4.94	3.26	5.40	4.33	3.52	38.13	
TOTALS	49.12	48.38	(34.67)	44.57	49.74	48.28	41.29	63.43	47.88	43.30	470.66	M

1933 Feb. adjusted by near stations

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

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

Station No. T.F. 3372

RAINFALL at Nidderdale (Rain Stmng)

41

County of West Riding Observer The Engineers
 River Basin Ouse - Nidder W.W.
 Type of Gauge Smawdon?

Annual Average min. based on 142 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 660 554/26

Diameter	'5"	0.57	576									
Height	1' 0"		1									
Altitude	1470'		41									
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-1950 Means 1940-1950	
January	(4.00)	3.24	8.83	7.34	6.93	5.93	4.34	11.30	3.57	4.76	60.23	
February	4.84	2.23	3.63	2.58	6.65	4.21	6.25	3.60	3.72	7.80	45.44	
March	4.54	3.83	2.48	4.2	1.03	1.58	8.00	3.90	1.30	2.80	29.88	
April	2.15	2.62	2.89	2.48	3.05	1.92	8.50	3.18	6.00	3.90	36.69	
May	2.47	4.34	4.25	2.83	4.11	3.69	2.80	2.65	2.20	2.85	31.69	
June	.83	.83	3.24	2.78	4.39	3.00	3.77	5.30	.91	1.65	26.70	
July	1.32	4.34	2.84	3.11	3.09	4.65	2.00	1.13	3.49	4.30	30.27	
August	4.56	4.63	5.23	2.63	6.11	7.03	3.46	5.20	3.00	9.10	47.95	
September	4.43	3.32	4.33	7.56	3.36	8.65	2.90	3.10	1.40	8.70	40.75	
October	6.41	6.71	3.92	7.42	8.20	2.84	1.62	2.64	7.90	2.30	49.66	
November	4.82	2.24	2.56	9.88	1.18	10.64	8.10	2.80	7.40	4.70	54.32	
December	3.52	5.21	2.73	5.93	3.62	4.92	4.10	4.50	10.75	1.15	46.43	
TOTALS	40.22	43.54	46.93	54.96	51.72	58.46	52.74	49.30	51.64	50.50	500.01	

1941 January total est'd. from map.

40000

33741/See No. 108511 38 66 ~ 54 55 52 47 54 !
 10P 10P 10P

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	Parish Church.	Distance from gauge

Station No. 3372

11. 40

RAINFALL at Piddisdale (Rain Glens)County of West Riding - Yorks.Observer The EngineerRiver Basin Ure - Nidder - H.Bradford W.W.

Type of Gauge.

Bradford (an imp) 0.903802 ft/2.1342Mean (0.51594 ft/Lin)Annual Average 50.80 in based on 40 years obs. un-weighted. Period of average 1881-1915 Ref. S

1916-1950

P

50.80 in based on 35 yrs 1916-1950File No. 612554/126 E22802/158

Diameter	5"	0.57	576							5"
Height	1'0"		1							1'0"
Altitude	1470'		57							1480'
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	4.40	4.20	1.65	3.85	3.80	(5.50)	7.95	6.47	5.47	7.78
February	5.30	1.31	4.46	3.04	2.82	2.92	6.02	7.47	.55	6.13
March	5.21	4.31	1.17	3.95	2.35	1.66	3.87	2.77	3.34	2.51
April	4.10	2.61	4.72	1.36	1.91	(1.93)	4.48	1.33	5.21	3.50
May	7.46	2.08	2.86	5.24	5.08	1.62	1.93	6.45	1.48	1.87
June	1.59	2.84	3.65	4.11	4.11	4.12	1.35	4.16	1.95	2.30
July	2.68	1.80	5.80	3.84	1.34	6.27	4.67	5.50	3.16	6.91
August	5.85	5.57	5.52	9.04	1.99	9.70	8.07	3.60	.70	3.82
September	3.25	5.72	5.23	6.61	3.11	3.23	5.16	5.65	.27	4.32
October	2.38	6.43	3.09	11.81	3.26	4.04	6.54	5.62	6.56	8.61
November	13.14	2.70	6.12	10.47	4.43	1.13	3.52	1.34	8.13	10.72
December	9.80	3.60	3.63	6.74	8.19	6.04	5.91	6.00	11.00	5.95
TOTALS	65.16	43.17	47.90	70.06	42.39	48.16	55.47	56.36	47.82	540.91
	M	M	M	M	M	M	M	M	M	M

Damp M. A. Beartable 6/52. - Hand dented, outer can rotated top of inner can damaged. Rain at 1" will break.

New gauge recommended.

Site in open moor, loose soil 0.5m x 5m. Between heather. Avg 150-200W from summit but slopes not examined.

Turf wall recommended to replace old sharp metal (12.5").

4/62. Turf wall was erected when new gauge was installed in Nov. 1952.

1956 Jan 6 Apr first est.

Imp. Mr. O'Kane 26.9.58 50ft. g. sound. Site overgrown all debris. Turf wall requires attention.

Imp. 7/66 by Mr. Miller. As above.

2 turf wall.

Position of Station on Ordnance One-Inch map : No. of Map 90 National Grid Reference 641079258

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d	1910-1975	1920-30	1931-40	1941-50	1951-60
	✓ Imp 4 -	✓	✓	✓	