

RAINFALL AT Niddendale East Gill

Lat.

Long.

County of

York W.R.

Rain Gauge, by

Observer

J. Watson Eng. C.E.

OUSE - Nidd 11^{W 20}

Diameter	5										
Height	10										
Altitude	170 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.20	3.80	2.00	7.00	5.00	3.65	2.00	4.47	6.90		
February90		7.50	9.30	1.50	1.88	4.60	5.02	6.10		
March	3.10	2.22	1.55	4.27	3.90	6.45	7.55	2.98	2.63		
April	2.90	2.75	.59	3.00	4.10	3.08	3.14	5.38	5.07		
May	4.60	6.20	2.76	3.80	.48	.83	2.82	3.20	4.65		
June	1.20	5.15	3.50	3.85	2.80	2.90	3.25	4.50	2.00		
July	6.00	2.90	6.00	5.15	7.20	3.41	2.30	1.30	3.30		
August	10.70	7.69	5.04	3.35	5.55	2.55	7.05	7.90	1.90		
September	3.70	3.90	5.02	.62	1.90	9.65	5.20	1.98	7.30		
October	7.55	11.85	6.30	7.60	4.73	5.92	2.97	8.33	5.00		
November	6.00		2.62	(5.00)	9.80	1.90	4.95	4.98	5.00		
December	10.20	4.29	6.43	4.67	4.25	8.00	8.60	5.05	3.90		
TOTALS	53.57	60.05	50.75	49.31	(8.5)	51.21	50.22	54.43	55.09	53.76	

1894 November Gauge tampered with est?

1890 from O.J. VIII-19

RAINFALL AT Niddendale East Gill Head

Lat.

Lon.

County of York W.R. Northern

Rain Gauge, by

Observer

J. Watson Esq. C.E.

Nidd - 11.

M

Diameter ..	5										
Height	1 0										
Altitude ..	170 ft										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.EANS.
January ..	2.50		3.40	6.98	8.46	2.15	6.80	Dec 06 - 1907	(6.00)	3.55	
February ..	.52	5.10	2.60	7.00	3.43	3.62	4.33	6.53	3.75	3.80	
March ..	9.50	4.00	3.00	9.00	5.00	4.55	4.25	4.25	4.88	4.60	
April	3.65	7.20	1.81	2.90	5.40	5.42	1.96	4.50	4.05	6.00	
May	2.45	4.00	3.70	5.10	5.00	1.65	6.83	7.40	4.20	3.40	
June	4.91	2.00	2.35	2.50	3.45	2.30	3.20	7.20	2.65	4.00	
July	3.50	3.95	4.44	4.60	3.30	1.62	3.63	3.90	5.70	6.10	
August	6.50	3.70	3.60	7.15	4.85	5.70	5.60	3.55	4.15	5.75	
September ..	2.45	2.95	2.95	6.85	2.65	4.60	1.17	1.05	7.25	3.92	
October	9.40	4.29	6.15	9.40	2.65	3.80	11.55	7.97	4.48	8.00	
November ..	7.53	4.80	4.98	5.60	4.59	7.32	6.96	4.73	4.47	3.91	
December ..	5.85	6.10	3.88	4.50	6.00	3.00	frozen	frozen	3.84	5.60	
TOTALS ..	58.76	48.09	42.86	71.58	54.78	45.73			(54.92)	57.63	

1900 Gauge frozen & could not be read properly until March the quantities 2.50 & .52 represent what could be got out & 9.50 m represents part of Jan & February

1901 Gauge frozen in January, partly melted in Feb & March and exploded end of April

1906 Dec gauge frozen unusable on Jan 24-1907

1907 Jan + Feb included part of Dec 1906

1908 Dec 07 + Jan 09 ? small. not printed

057518

10 3371

RAINFALL at Niddendale East Gill Head

No. 30

County of W.R. Yorkshire

Observer Col J. Watson Esq. C.E.

River Basin Orse-Nidd 11

L. Mitchell Esq.

Rain Gauge, by

Diameter ...	5										
Height	1.0										
Altitude ...	710 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	8.40	3.52	5.00	6.70	6.00	9.70	9.37	4.77	5.15	7.65	
February ...	7.00	9.00	4.75	7.50	6.72	9.70	5.75	2.50	6.65	4.25	
March	2.00	3.65	8.25	9.50	6.00	4.65	4.35	3.05	3.91	6.00	
April	4.10	4.20	1.60	7.50	5.07	3.40	4.27	2.59	3.13	3.60	
May	3.36	3.05	4.65	4.65	4.15	2.30	3.48	4.75	3.91	2.80	
June	2.50	4.55	8.75	4.30	4.67	1.00	3.92	4.88	1.72	1.85	
July	4.20	1.45	6.95	1.71	3.75	7.47	3.86	3.55	6.35	2.55	
August	8.48	4.50	10.00	2.70	3.20	5.40	4.80	8.50	4.75	4.95	
September ..	1.50	4.03	4.65	2.60	4.10	1.53	3.37	4.73	14.00	4.60	
October ...	5.47	7.20	6.20	4.20	2.60	1.80	10.75	9.05	8.40	5.47	
November ..	6.75	6.80	5.25	7.80	10.50	2.10	6.41	6.72	4.83	5.70	
December ...	6.67	9.20	9.50	3.95	11.05	9.85	5.20	3.20	9.93	8.66	
TOTALS ...	60.43	61.15	75.55	63.11	67.81	58.90	65.53	58.29	69.73	58.08	

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

RAINFALL at Nidddale East-Gill Head No 30

County of W.R. Yorkshire

Observer S. Mitchell Esq, C.E.

River Basin Gloucester-Nidd

Feng? Bradford Box W.W.

Snowdon

Broadfoot

Broadford Rain Gauge, by Castella 8606
5.00
5.02 } good condition
4.98

10. Newlands, Reg. & C. (1930)

10. Newlands, *Eq. &c.* (1930)

Inspected 9/3, 6-AM-23. S. on open moor with good shelter on S.W. side. A little open to north but some shelter at intervals although ground very rough. Good exposure. A new gauge had recently been supplied.

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

RAINFALL at Nidderdale (East Gill Head)

County of West Riding

Observer Bradford Corpor. W.W.

River Basin Ouse - Nidd - U.

W. Newlands Esq. C.E.

Type of Gauge Snowdon.

The Engineer, Bradford W.W.

Annual Average 57.6 in. based on 39 years obs. un-weighted. Period of average 1881-1915 Ref. 3

660554/26

Diameter	5.										
Height	1.0.										
Altitude	1710.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.96	7.71	4.09	5.14	3.20	6.54	7.35	8.64	8.80	2.92	
February	5.82	11.0	6.04	5.5	7.56	2.27	7.57	3.37	6.25	3.15	
March	1.28	4.15	2.71	3.65	2.40	4.27	4.20	2.67	4.75	4.35	
April	4.21	5.61	3.10	4.90	4.94	1.70	4.44	.72	3.42	3.20	
May	4.00	5.90	3.82	4.67	.97	1.65	3.89	4.07	1.25	1.75	
June	8.17	3.24	1.87	3.08	5.00	7.41	2.75	6.93	5.20	.84	
July	5.14	5.67	4.94	2.18	2.47	6.94	3.40	5.77	7.00	6.20	
August	6.10	2.51	1.95	5.04	1.81	3.74	3.39	5.74	3.98	2.15	
September	4.84	6.50	3.12	4.80	8.66	4.43	3.10	2.89	3.76	5.21	
October	3.09	7.98	6.31	8.37	9.70	6.24	2.94	16.06	4.73	5.74	
November	8.65	4.82	4.84	2.77	9.27	6.27	2.25	9.41	9.05	9.83	
December	4.17	3.56	1.32	8.65	3.21	5.86	3.93	6.31	5.20	4.64	
TOTALS	60.43	58.75	42.81	53.80	59.19	57.87	49.21	72.58	63.39	49.98	M

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

Station No. TF 3371

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RAINFALL at Nidderdale (East Gill Head).

County of West Riding Observer The Engineer
 River Basin Ouse - Nidd W.W.
 Type of Gauge Standard ?

Annual Average 57.4 in. based on 39 years obs. un-weighted. Period of average 1881-1915. Ref. S

File No. 660554/21

Diameter	5"	0.57	518								
Height	1' 0"		1								
Altitude	1710'		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.30	4.15	9.21	8.31	7.41	6.89	5.42	11.95	3.75	5.37	
February	5.56	3.24	4.21	3.93	9.43	5.44	6.75	3.98	4.93	8.19	
March	5.48	4.62	2.83	8.89	1.95	1.93	8.20	4.10	1.52	3.18	
April	2.40	3.47	3.25	3.63	4.52	2.68	8.90	3.35	6.75	4.14	
May	3.21	5.32	4.81	2.72	5.48	3.60	4.10	3.42	2.45	2.77	
June	1.32	1.24	4.87	+6.2	5.88	4.60	4.14	5.69	1.12	2.87	
July	2.14	5.21	3.42	3.84	3.55	5.15	3.13	1.88	3.82	4.96	
August	7.26	6.84	8.24	3.58	4.63	8.40	2.27	5.40	3.75	9.50	
September	7.4	4.32	5.61	8.13	5.18	10.08	4.22	5.25	1.63	8.94	
October	7.43	7.43	4.84	8.73	9.64	3.25	1.75	3.28	8.17	4.29	
November	5.13	2.52	3.62	11.73	1.89	11.53	8.83	3.48	7.80	6.77	
December	3.90	6.58	4.31	7.12	4.81	5.28	4.95	6.02	11.25	.87	
TOTALS	48.89	54.94	59.22	67.23	63.87	68.23	60.66	57.80	(57.44)	61.85	

948 Engineers unable to account for falling off 4.49

00004

1949. n.p. locd.

1949. Pounded in brackets - too much adjustment.

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. 3371

T.F. 46

RAINFALL at Middendale (East Gill Head)County of West Riding - Yorks. Observer The EngineerRiver Basin Osprey - Hudd - 11 Bradford W.W.Type of Gauge BradfordAnnual Average 57.6 in. based on 39 years obs. un-weighted. Period of average 1881-1915 Ref. S
" " 61.22 " 29 " within 1916-46 " 1916-50

File No. 6A0554/26 E22802/51

Diameter	5"										5"
Height	1'0"										2'0"
Altitude	1710'										1730'
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	6.03	4.90	1.60	4.15	3.15	(8.60)	7.15	6.29	5.52	7.99	
February	5.63	1.34	4.52	3.57	2.48	2.66	6.26	7.51	6.66	6.70	
March	5.79	4.60	1.23	4.07	2.09	1.74	4.09	3.06	3.35	3.15	
April	4.83	3.17	4.33	1.73	2.55	1.95	4.46	1.20	5.27	5.30	
May	7.10	2.25	3.01	5.29	4.95	1.80	2.93	7.27	1.09	1.95	
June	1.80	3.35	3.74	5.16	3.21	2.98	2.43	4.84	2.32	2.27	
July	3.69	1.85	6.06	5.49	1.58	6.18	4.25	5.55	3.83	9.35	
August	6.00	5.49	5.69	8.86	1.89	10.93	8.43	4.63	1.06	4.75	
September	4.03	5.81	6.27	6.25	3.32	3.77	5.81	7.10	3.30	4.62	
October	2.85	6.82	3.02	12.38	2.98	3.49	7.28	5.69	6.70	8.80	
November	14.10	3.15	6.17	9.18	3.81	2.11	3.53	1.80	8.36	11.68	
December	10.95	3.47	3.92	6.05	8.10	6.79	5.77	6.67	11.35	6.75	
TOTALS	71.80	46.20	49.56	78.13	40.11	49.90	58.39	61.61	49.81	73.31	
	M	n.p.	M	M	M	M	M	M	M	M	

1952 n.p. low. 1955 Possibly rather too small, but accepted.

1956 Jan. 1st M.O. 3.

Aug. 1958 60% by record. Site overford all directions. Turf wall rec. Catch bottle and measured with N.O. 2" measure at Scar House Res. Not read on Scen. 1st.

Inferior 7.9.60 by 3880mtr. As above. In turf wall. Better site 50-60 yds E rec. New position by compass

916 - By compass SE(44) 037738

Position of Station on Ordnance One-Inch map : No. of Map 90 National Grid Reference SE 035 741 (approximate)

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	/	/	/	/ + 8.	