

RAINFALL AT Niddendale East Gill

Lat. _____

Lon. _____

County of York W.R.

Rain Gauge, by _____

Observer J. Watson Esq. C.E.

Use - Nidd 11 No 20

Diameter	5										
Height	10										
Altitude	1710 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	3.90	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	53.54	60.05	50.75	49.31	(38.5)	51.21	50.22	54.43	55.09	53.75	

1894 November Gauge tampered with est.
1890 from O.J. VIII 19

RAINFALL AT *Niddersdale East Gill Head*

Lat.

Lon.

County of *York W.R. Northern*

Rain Gauge, by

Observer. *J. Watson Esq. Ch.*

Wind - N.

M

Diameter ..	5										
Height	10										
Altitude ..	1710 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.50		3.40	6.98	8.46	2.15	6.80	<i>Dec 06 Feb 07</i> } 6.00 7.70	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	5.00	
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	3.34	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 = represents part of Jan + February

1901 Gauge frozen in January, partly melted in Feb + March and emptied end of April

1906 Dec Gauge frozen unaccountable on Jan 26 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. 20

County of W. YorkshireObserver Ed. J. Watson Esq. C.E.River Basin Once Nidd 11L. Sutcliffe Esq. C.E.

Rain Gauge, by _____

Diameter ...	5										
Height	1.0										
Altitude ...	1710 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	7.80	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 Niddendale East Gill Head N°30County of W. R. YorkshireObserver S. Mitchell Esq. C.E.River Basin Guse-Nidd 11Engl: Bradford Corp. W.BradfordRain Gauge, by Cassella 860610, Newlands, Pa. E. (1930)5.00
5.02
4.99

} good condition

Diameter ...	5"											
Height	1 0											
Altitude ...	1710											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	10.55	10.93	6.30	6.28	6.00	7.75	7.58	5.76	13.09	1.93	9.02	
February ...	5.98	9.7	6.20	7.00	1.25	8.65	6.10	4.50	7.02	.87	1.67	
March	6.12	6.19	4.87	2.50	2.37	1.83	3.05	5.08	4.81	1.11	3.46	
April	8.63	2.05	4.00	4.84	3.25	6.50	2.80	4.71	1.68	2.27	4.52	
May	6.37	3.50	1.97	5.32	7.97	6.50	4.48	3.45	2.42	3.67	2.25	
June	2.85	9.0	3.83	2.27	2.63	.23	4.78	5.70	8.04	2.47	2.40	
July	9.28	5.84	7.03	4.27	8.05	2.37	5.08	6.90	2.85	3.70	7.41	
August	4.15	7.25	5.98	8.47	5.28	5.60	6.21	12.45	7.87	5.93	7.54	
September...	2.30	3.73	6.15	7.50	7.60	3.67	5.61	10.71	1.77	2.11	6.51	
October	3.26	5.15	2.65	9.70	7.34	7.49	4.60	9.24	7.41	7.20	7.70	
November...	5.71	3.60	3.45	10.00	5.90	3.25	9.75	6.72	10.87	9.06	8.91	
December...	6.20	13.00	6.75	3.85	9.30	6.80	2.33	2.80	4.56	12.35	5.41	
TOTALS...	71.40	63.11	59.18	72.20 M	66.94 M	60.64 M	62.37 M	78.02 M	71.79 M	52.67 M	66.80 M	

Inspected 75.6.11.23. S. on open snow with good shelter on S, W
 & N. a hole 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	Parish Church.	Distance from gauge	Direction

RAINFALL at Nidderdale (East Gill Head)County of West RidingObserver Bradford Corpn W.W.River Basin Ouse - Nidd - IlW Newlands Esq. C.E.Type of Gauge SnowdonThe Engineer, Bradford W.W.Annual Average 57.6 in. based on 39 years obs. un-weighted. Period of average 1881-1915 Ref. 3660554/26

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	1.10	6.04	5.5	7.56	2.47	7.57	3.37	6.25	3.15	
March	1.28	4.15	2.71	3.65	2.40	4.47	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	6.29	2.94	16.06	4.73	5.74	
November	8.65	4.82	4.54	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	

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

Station No. T.F. 3371

RAINFALL at Niddendale (East Gill Head) r

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County of West Riding Observer The Engineer

River Basin Ouse - Nidd - 11 Bradford W.W.

Type of Gauge S. standard?

Annual Average 57.4 in. based on 29 years obs. un-weighted. Period of average 1881-1915. Ref. S

File No. 66055431

Diameter	5"			257	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	6.29	5.42	11.95	3.75	5.37		
February	5.56	3.24	4.21	3.33	9.43	5.44	6.75	3.98	4.93	8.19		
March	5.48	4.62	2.83	.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	4.62	5.88	4.60	4.14	5.69	1.12	2.27		
July	2.14	5.21	3.42	3.84	3.55	5.15	3.13	1.88	3.82	4.96		
August	7.28	6.84	8.24	3.58	4.63	8.40	.27	5.40	3.75	9.50		
September	.74	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	1.39	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 M	54.94 M	59.22 M	67.23 M	63.87 M	68.23 M	60.66 M	57.80 M	(57.44) M	61.35 M		

1948 Engineer unable to account for falling off 4/49

1949 n.p. low.

1949 Pondered in brackets - too much adjustment.

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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.

Station No. 3371

T.S. 46

RAINFALL at Midderdale (East Gill Head)

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County of West Riding - Yorks.

Observer

The EngineerRiver Basin Ouse - Midd - IIBradford 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 " " 24 " " within 16-46 " " 1916-50File No. 60254/26 E22802

Diameter ...	5"									5"	
Height ...	1'0"							2'0"		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	(550)	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	6.6	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	4.6	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	5.44	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	3.0	4.62	
October ...	2.85	6.82	3.02	12.33	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	6.65	8.10	6.79	5.77	6.67	11.35	6.75	
TOTALS ...	71.80	46.20	49.56	72.13	40.11	49.70	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 1903.

high. 15.159 160. 3. record. Site overgrown all directions. Turf wall rec. Catch bottles and measured with H.P. 2" measure at Scot Harra Res. Not read on Sun. 1st.

Inspected 7.9.60 by J.H.H. As above. No turf wall. Better site 50-60 yds E rec. New position by compass

9th. by compass SE(44) 037738

Position of Station on Ordnance One-Inch map :

No. of Map 90National Grid Reference SE 035 741

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓ up 48.	