

RAINFALL AT

Hidderdale New Houses

Lat.

Lom.

County of

Yorkshire

Rain Gauge, by

Observer

A.R. Birnie Esq. C.E.

Ouse - Nidd 11

Diameter										5	
Height										1.0	
Altitude										750	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	M.EANS.
January									1.95	1.65	
February									2.92	2.47	
March									7.56	3.86	
April									4.30	6.34	
May									2.30	2.10	
June									3.58	.19	
July									5.60	3.85	
August									4.05	5.48	
September									1.28	.83	
October									1.27	8.12	
November									11.32	1.21	
December								# 3.58	3.52	2.04	
TOTALS								258	49.65	38.14	

Rejected from Survey : 3° too low

RAINFALL AT Niddendale New Houses

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer

House - Nidd 11 710 32

J. Watson Esq. C.E.

Diameter	5										
Height	10										
Altitude	753 ^T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.39	2.33	1.80	6.76	5.52	2.14	2.90	2.88	9.08		
February14	3.01	6.69	9.17	1.37	1.07	4.18	3.57	3.64		
March	2.21	1.12	1.39	4.57	4.73	6.28	8.55	2.17	2.30		
April	3.89	2.14	.73	3.73	3.68	2.01	2.51	4.09	4.55		
May	4.31	3.90	2.14	2.47	.66	.65	1.24	2.90	4.54		
June	1.65	4.79	2.25	3.23	2.44	3.86	3.00	3.14	1.61		
July	5.00	2.30	3.53	3.65	6.91	2.36	1.34	.89	2.77		
August	7.56	5.49	4.12	3.18	3.42	2.18	5.39	4.78	1.49		
September	3.23	3.01	2.17	.60	1.63	7.13	3.63	1.34	6.97		
October	5.34	11.94	2.70	8.33	4.39	6.09	2.71	8.02	4.38		
November	4.81	2.51	2.51	3.90	7.10	1.87	3.32	3.61	3.79		
December	8.77	1.15	4.72	4.09	3.65	6.62	7.04	6.30	3.45		
TOTALS	40.80	50.30	43.69	34.75	53.63	45.50	42.26	45.81	43.69	48.57	

1890 from P.T. VIII.19

Rejected from Survey: 3° too low

RAINFALL AT Niddendale New Houses

Lat.

Lon.

County of York W.R. Northern

Rain Gauge, by

Observer

J. Watson Eng. Cl.

Nidd - 11.

Diameter ..	5										
Height ..	10										
Altitude ..	755 T										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.48	2.64	2.07	7.44	6.79	1.79	6.89	2.39	3.73	2.77	4.199
February ..	8.40	1.39	1.44	6.70	4.68	2.85	3.45	3.56	4.19	1.96	3.862
March ..	1.32	4.31	1.57	10.01	2.94	3.38	3.67	4.36	5.15	4.96	4.167
April ..	3.11	2.98	1.66	1.88	3.43	3.89	.95	2.27	3.19	3.07	2.643
May ..	2.05	1.35	2.41	5.82	4.07	1.02	5.35	4.90	3.08	3.13	3.348
June ..	4.03	1.98	1.56	2.85	2.59	1.39	1.57	5.02	1.91	3.58	2.648
July ..	2.01	4.11	3.20	3.68	1.93	.65	1.67	2.51	3.45	4.06	2.727
August ..	7.77	2.50	2.77	4.90	4.23	4.58	3.59	2.77	3.80	4.03	4.094
September ..	1.49	1.92	1.63	4.67	1.38	3.89	.46	.85	4.64	2.71	2.364
October ..	7.07	2.54	4.55	11.09	1.53	2.21	9.46	7.89	2.14	6.01	5.449
November ..	5.39	6.41	2.48	2.45	3.22	7.71	5.34	3.08	3.15	1.69	4.092
December ..	5.62	6.49	5.50	3.95	2.54	1.73	2.78	5.65	2.20	6.22	4.268
TOTALS ..	53.74	38.62	30.84	65.44	39.63	35.09	45.18	45.25	40.63	44.19	42.961 645

Rejected from Survey : 3" too Low.

Hus

057 863

10 3373

RAINFALL at Niddendale New Houses No. 33

County of W.R. Yorkshire

Observer Mr J Watson Esq C.B.

River Basin Ouse Nidd II

L. Mitchell Esq C.B.

Rain Gauge, by 1

Diameter ...	5									
Height	1.0									
Altitude ...	755 T									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...	6.54	3.10	4.23	6.49	3.79	6.85	5.60	3.28	3.81	5.86
February ...	5.89	5.38	3.45	3.14	5.15	7.71	7.54	.92	6.89	1.86
March	1.29	2.75	5.02	8.81	4.58	.82	5.43	2.44	2.83	6.57
April	4.50	2.09	.58	5.46	1.45	2.13	2.36	2.52	1.24	2.00
May	2.18	1.85	2.86	2.41	2.48	1.81	3.64	1.91	3.07	1.36
June	1.63	3.25	6.66	1.37	4.53	1.03	2.16	2.48	1.06	1.24
July	2.32	.50	5.44	1.03	3.35	6.61	1.69	1.93	4.41	2.04
August	5.35	2.85	7.21	.98	1.83	4.55	2.91	9.18	2.92	2.82
September ..	.17	2.48	2.13	2.10	1.80	.43	1.89	1.91	10.64	1.73
October ...	5.54	5.17	4.22	3.59	2.77	1.31	10.29	7.17	4.43	1.53
November ..	4.53 (7.00)	3.64	4.47	7.08	3.24	5.98	3.26	3.16	4.92	
December ...	4.68	6.50?	6.37	2.21	9.16	10.43	3.71	2.23	6.66	5.85
TOTALS ...	44.62	(42.92)	51.81	42.06	47.97	46.92	53.20	39.23	50.62	37.17

1911 Nov. est? Brad - not printed

Rejected from Survey: 3" too low.

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

RAINFALL at Nidderdale New Houses

No. 33

County of N. R. Yorkshire

Observer L. Mitchell Esq. G.E.

River Basin Guse - Nidd 11

Engt. Bradford Colliery.

in Snoddon

Rain Gauge, by
5.00
5.00 } good condition
5.00 } 16.23

Sr. Newlands, Reg. S.C. (1930)

Glass No. 2 new cover. 16.23.

Diameter ...	5"									1930 MEAN.	
Height	10										
Altitude ...	750										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January ...	6.33	5.58	4.72	2.66	4.17	6.89	6.87	5.00	11.53	1.78	8.64
February ...	2.83	2.22	4.78	7.67	7.88	6.96	4.24	2.81	5.38	.94	2.08
March	4.24	4.34	4.28	2.17	1.76	1.60	2.08	3.37	4.52	.36	4.22
April.....	6.10	1.29	3.70	3.55	2.38	4.90	2.21	3.87	1.20	2.17	5.07
May	4.30	2.20	1.40	2.92	7.06	5.09	4.25	2.55	2.95	2.66	1.80
June95	1.11	2.09	1.16	2.00	1.11	3.42	3.67	6.40	1.65	2.23
July	5.71	3.72	5.76	2.98	6.08	1.60	3.55	5.95	1.18	2.87	7.12
August	2.19	6.37	5.30	6.33	4.12	3.43	4.14	10.06	6.79	3.17	6.32
September...	1.20	2.08	4.91	5.29	5.65	2.76	3.60	6.42	.57	1.29	6.35
October.....	3.03	2.01	1.75	5.91	5.61	4.78	4.41	7.57	7.66	5.47	6.38
November...	3.14	2.65	2.18	6.74	3.91	2.64	8.84	5.17	7.23	7.00	5.79
December...	5.06	8.04	5.34	3.76	7.86	6.25	1.19	2.09	3.11	11.73	4.93
TOTALS...	45.08	42.61	46.21	53.13	51.48	47.01	49.10	58.53	58.72	41.09	60.93

inspected 23.6.1930 & in flat meadow at bottom of valley. extremely good position. new gauge recently supplied.

Rejected from Survey : 3° too Low

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

RAINFALL at Nidderdale (New Houses)

County of West Riding.

Observer Bradford Corp. W.W.

River Basin Ouse - Nid - II.

W Newlands Esq. C.E.

Type of Gauge Snowdon.

The Engineer, Bradford W.W.

Annual Average 150 in. based on 10 years obs. un-weighted. Period of average 1881-1915. Ref. Sarsay

660554/26

Diameter	5.										
Height	1.0.										
Altitude	755.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.80	6.98	3.17	4.11	1.98	6.25	6.50	8.06	8.10	2.23	
February	4.87	7.75	5.89	2.24	7.96	4.20	6.59	2.60	3.92	3.09	
March	1.94	3.08	2.78	4.74	1.43	2.61	3.31	1.94	4.36	2.73	
April	4.35	4.64	2.22	4.72	3.88	2.40	3.45	.39	1.85	2.19	
May	3.86	6.25	3.35	3.68	1.39	2.42	3.66	3.73	.99	2.07	
June	5.61	1.43	1.33	2.58	3.79	6.74	1.85	4.18	3.75	3.88	
July	3.59	5.12	4.02	1.12	.83	4.31	2.70	3.96	5.55	4.40	
August	4.08	1.79	0.59	2.91	1.33	2.55	2.80	4.99	3.44	.54	
September	4.18	3.93	2.32	2.99	7.15	3.04	2.31	2.46	1.24	2.53	
October	1.60	6.01	3.72	6.74	6.90	3.53	2.93	11.77	3.42	5.48	
November	6.44	3.51	4.31	3.41	8.45	2.91	1.85	7.70	6.88	7.65	
December	2.94	3.27	0.80	7.33	2.51	5.94	4.59	4.10	2.44	4.21	
TOTALS	46.26	45.66	34.58	44.57	47.60	48.90	42.54	55.88	45.94	37.50	

1940. Jan. corrected for snow.

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. 3373

RAINFALL at Niddenden Hall (New Hawes)

41

County of West Ridgeway Observer The Engineer
 River Basin Ouse - Nidd Bradford WW.
 Type of Gauge S. No. 100044

Annual Average 46.27 in. based on 15 years obs. un-weighted. Period of average 1923-1932 Ref. Survey
 1916-50 File No. 660554/26

Diameter	5"	057	463								
Height	10 "		1								
Altitude	755'		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.92	4.76	7.43	5.03	5.26	5.23	4.50	9.70	2.60	4.26	
February	5.03	2.19	3.98	2.51	6.50	4.60	6.05	3.30	3.60	7.60	
March	4.97	2.53	2.24	3.31	1.10	1.72	8.00	3.30	1.15	2.25	
April	2.89	1.79	2.60	2.80	2.90	1.95	8.01	3.30	5.54	4.30	
May	1.72	3.61	3.94	1.75	4.23	3.70	3.50	1.30	1.65	2.80	
June	3.5	7.7	2.92	2.77	3.77	2.90	3.40	6.10	6.2	1.40	
July	1.63	3.40	2.07	1.95	3.15	3.55	1.90	1.08	3.02	3.60	
August	3.63	4.31	4.76	2.45	5.50	6.75	2.4	5.10	2.51	7.40	
September	1.9	2.41	4.97	6.48	2.95	7.75	2.77	3.00	1.30	5.80	
October	5.68	(5.06)	3.58	6.25	8.01	1.95	1.57	1.40	4.87	2.60	
November	3.86	1.31	3.08	9.62	1.01	9.40	6.70	2.71	5.90	4.04	
December	1.85	5.35	2.13	4.97	2.40	5.20	4.09	5.10	7.43	1.95	
TOTALS	36.22	37.49	(43.70)	46.89	46.78	54.70	50.73	44.39	40.19	47.29	
	D	d	nr.	D	nr.	M	M	m.	W.L.	M	

1942 Oct. part. estd.

1943 nr too much estimation

1945 As daily readings cannot be made a monthly gauge has been set up.

1948 Engineer unable to account for slight deficiency 4/49

00044

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

BRITISH RAINFALL ORGANIZATION

Station No. 3373

46

RAINFALL at Riddisdale (New Houses)

County of West Riding - Yorks. Observer ~~The Engineer~~

River Basin Ouse - Ridd - II Bradford N.W.

Type of Gauge Standard Bradford 249/51

Annual Average 45.8 in. based on 10 years obs. un-weighted. Period of average 1923-1932
 " 46.27 " " 26 " " within 1931-57 " 1916-50
 File No. 660554/26 E 22802/58

Diameter	5"	057	463							5"	
Height	1'0"		1							10"	
Altitude	755		57							755'	
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.22	3.60	.99	3.93	3.22	4.20	5.95	5.22	4.82	6.54	
February	4.96	.83	4.27	2.83	2.68	2.78	4.27	6.20	.25	5.66	
March	4.66	4.13	.98	3.20	(2.50)	1.48	2.97	2.26	3.09	2.28	
April	3.89	1.47	4.01	.96	1.55	2.19	.37	1.11	4.25	2.86	
May	6.48	2.01	2.78	4.93	4.37	1.10	1.03	5.82	1.34	1.63	
June	1.56	1.45	3.32	3.17	2.71	3.17	1.45	3.97	1.76	2.11	
July	1.62	1.30	1.81	2.27	1.41	5.18	+34	4.81	3.00	6.11	
August	5.10	5.36	4.45	6.99	1.79	(8.35)	6.33	2.92	.70	3.15	
September	3.12	5.35	4.21	6.28	2.19	4.25	5.26	4.75	.15	4.03	
October	2.24	5.49	2.12	8.48	2.63	2.72	4.73	4.11	4.29	6.98	
November	11.89	2.74	4.50	9.94	2.93	1.13	2.94	1.29	7.90	8.28	
December	9.30	4.00	2.07	5.20	6.22	5.41	4.95	6.00	10.35	5.65	
TOTALS	59.04	37.73	38.51	56.17	34.20	41.96	44.59	48.46	41.90	55.28	
	M	n.p.	M	M	M	M	M	M	M	M	

Rainfall Attleborough 6.52. Found gauge drunk, rain 16.15 in real level. 2 in. measure.

Replaced by gauge recommended.

Site in open field back of wall not obstructed.

1955 n.p. less. (1955 March est'd. 1.03. Super agrees.)

1956 Aug just 6.47 9.03. Imp. Mr. O'Hare 26.9.58 Satisfactory. Catch + bottled and measured at Scarthoe Res. H.O. 2" measure.

Impacted. 7.946 by Attleborough. As above.

10004 00204

Position of Station on Ordnance One-Inch map : No. of Map 90 National Grid Reference 461/0.9.34.7.62

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	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
	✓	✓ ✓ last - 20-24 25	✓	✓	✓ imp 43.48