

RAINFALL AT

Niddersdale Rausgill

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer

J. Newman Esq. C.E.

Diameter.....											
Height.....											
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	5.76	2.38	8.04	6.55	5.38	9.09	1.71	9.14	7.53	1.04	
February.....	3.83	5.49	5.37	1.48	2.02	1.75	6.88	4.89	2.00	3.95	
March.....	3.55	3.68	3.70	3.60	5.56	1.24	7.35	5.43	3.03	2.87	
April.....	1.47	3.66	5.23	.95	2.17	2.04	2.74	4.56	3.31	2.51	
May.....	2.70	1.42	2.89	1.42	2.06	1.90	.84	3.43	6.78	1.84	
June.....	1.76	5.35	7.10	1.43	1.30	4.24	2.82	2.40	3.19	5.07	
July.....	.82	5.87	3.88	3.96	2.47	3.74	3.10	3.75	.51	5.36	
August.....	1.92	1.89	3.45	3.67	5.82	2.72	2.84	6.47	8.20	11.64	
September.....	2.78	7.21	8.08	3.88	4.62	3.78	4.46	4.09	4.37	2.55	
October.....	11.50	3.88	5.96	4.95	5.76	5.75	3.24	7.65	5.31	1.95	
November.....	3.90	1.73	8.81	4.89	3.67	6.95	5.44	8.82	5.71	2.48	
December.....	5.23	3.15	5.79	2.37	6.00	3.38	12.29	5.15	2.57	3.30	
TOTALS.....	45.22	45.71	68.30	39.15	46.83	46.58	53.71	65.78	52.51	37.56	50.135

80

RAINFALL AT *Niddsdale Ramskill Bouthwaite*

Lat. Lon. County of *York W.R.*
 Rain Gauge, by Observer *J. Hewson Esq. C.E.*

Cuse - Nidd 11.

Diameter							8				
Height							6				
Altitude							500				
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.56	.60	6.78	8.70	9.72	4.07	[#] 7.12	3.47	2.03	1.60	4.465
February	5.36	5.24	4.01	4.91	3.57	4.09	9.3	2.86	3.01	2.79	3.677
March	3.12	4.63	5.37	1.79	3.28	2.68	4.67	2.60	6.67	3.48	3.829
April	2.69	1.66	5.72	3.37	2.46	2.22	4.02	1.38	4.14	5.74	3.340
May	2.58	3.56	1.45	1.53	2.77	4.20	6.13	2.47	2.09	2.15	2.893
June	4.01	2.92	4.00	4.44	.65	2.76	1.17	.16	2.81	.33	2.825
July	5.33	5.79	5.24	3.88	6.81	1.39	4.52	1.95	5.54	3.73	4.418
August	2.19	6.26	2.72	3.25	1.89	2.03	2.97	3.35	3.51	5.31	3.348
September....	4.48	3.79	2.61	5.53	2.10	5.40	3.36	6.11	1.30	1.03	3.571
October	4.24	5.93	5.79	6.55	3.30	7.35	7.03	4.18	1.14	7.35	5.286
November....	6.50	7.09	8.62	5.93	1.62	2.74	4.55	5.73	12.52	1.40	5.670
December	5.61	7.48	6.36	3.55	9.01	2.40	[#] 6.88	4.16	3.45	2.04	5.094
TOTALS	46.67	54.95	58.67	53.43	47.18	41.33	53.35	38.12	48.21	36.95	(47.916)

1886 Gauge moved from Ramskill Parsonage to Bouthwaite at other side of valley about $\frac{3}{4}$ mile

RAINFALL AT

Nidderdale Ramskill

80

Lat. _____

Lon. _____

County of *Yorkshire* W.R.

Rain Gauge, by _____

Observer *James Barker*

Cuse - Nidd - 11

Diameter . . .								5			
Height								1.0			
Altitude								450			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January									2.08	1.97	
February									2.05	2.82	
March									5.42	3.63	
April									3.80	5.17	
May									2.09	1.87	
June									2.40	.25	
July									5.02	3.17	
August									3.23	5.02	
September . . .									.55	.96	
October									1.23	6.28	
November									11.21	1.45	
December								<i>#</i> 3.96	2.93	1.98	
TOTALS									42.01	34.57	

Rejected from survey : 9" too low.

RAINFALL AT

Ramskill

Lat. _____

Lon. _____

County of _____

York W.R.

Rain Gauge, by _____

Observer _____

J. Watson Esq. O.S.

Case - Nidd 11 No 35

Diameter	5										
Height	1 0										
Altitude	450 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.29	2.92	1.61	7.47	5.38	2.24	2.55	3.35	7.92		
February ....	.20	3.77	7.80	9.96	1.14	1.09	4.21	4.44	2.97		
March	2.69	1.11	1.27	5.00	3.98	6.10	8.80	2.52	2.40		
April	3.74	2.42	.55	2.67	2.90	2.34	2.74	3.57	4.80		
May	2.71	4.07	2.34	2.30	.24	.67	1.39	2.39	3.80		
June .....	.98	4.79	2.26	2.94	2.08	4.23	3.00	3.08	1.64		
July	4.13	2.34	3.25	2.40	4.90	2.59	.90	.93	2.38		
August	6.44	5.60	3.29	2.15	2.68	2.96	5.26	5.27	1.69		
September...	3.38	2.60	2.36	.42	1.82	7.51	3.48	1.54	5.38		
October	4.96	10.28	3.72	6.96	4.60	5.68	2.19	7.57	4.79		
November...	5.76	2.53	2.27	3.69	6.64	2.10	3.12	2.86	4.66		
December...	8.39	1.56	5.12	5.07	4.71	6.40	6.68	6.54	3.97		
TOTALS	39.21	46.67	43.99	35.94	51.03	41.07	43.91	44.32	44.06	45.90	

1890 from P.J. VIII. 19

Rejected ^{from} Survey: 9" too low.

RAINFALL AT Ranagill

Lat.

Lon.

County of York W.R. Northern

Rain Gauge, by

Observer J. Watson Esq. C.E.

W.R. - 11.

Diameter ..	5										
Height	1	0									
Altitude ..	450 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.60	2.60	2.63	6.76	5.33	1.52	4.25	1.88	3.39	2.17	3.613
February ..	6.45	1.15	1.67	6.12	5.11	2.20	2.72	2.45	2.99	1.06	3.192
March	1.05	4.73	1.92	9.00	2.69	3.87	2.30	2.91	4.03	3.85	3.635
April	2.94	3.03	2.02	1.69	3.47	3.16	.41	1.20	2.53	2.57	2.302
May	1.96	1.25	2.55	5.08	3.61	.38	3.22	4.24	2.28	1.56	2.613
June	3.48	1.79	1.21	2.35	1.79	1.76	1.02	4.82	3.16	1.80	2.318
July	2.50	2.51	2.43	3.52	1.57	.66	1.04	2.01	2.90	3.32	2.246
August	7.57	2.22	2.68	4.91	4.01	3.65	3.36	2.07	3.06	3.00	3.653
September..	1.94	1.62	1.92	6.33	1.98	3.56	.55	.54	3.61	1.93	2.398
October	7.02	2.09	3.77	11.47	.80	1.81	7.79	6.54	2.03	3.30	4.662
November..	5.26	6.26	2.65	2.19	2.48	5.26	4.30	2.05	2.22	1.41	3.408
December ..	5.26	5.98	5.86	3.72	2.73	1.40	1.88	5.31	1.97	3.98	3.809
TOTALS ..	51.03	35.23	31.31	63.14	35.57	29.23	32.84	36.02	34.17	29.95	37.840

Rejected from Survey: 9 too low.

H.W.

RAINFALL at

Ramskill

057 712

10 3269

No 35

County of W R Yorkshire

Observer Ed J Watson Esq Ch.

River Basin Onse. Nidd

Whitell Esq Ch.

Rain Gauge, by

Diameter ...	5										
Height	1.0										
Altitude ...	450 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.09	2.11	3.47	4.57	2.39	6.48	3.52	2.63	3.13	5.47	
February ...	3.59	3.56	1.54	1.91	3.08	5.69	4.93	.88	5.69	2.40	
March .....	.38	1.74	2.88	5.63	2.35	.94	4.46	2.04	1.38	4.70	
April	2.75	1.23	.39	3.71	.67	1.12	1.67	1.89	.58	1.96	
May	1.86	1.02	2.32	1.86	1.58	1.39	1.65	1.36	2.04	1.52	
June	2.49	2.33	5.83	3.64	2.21	.40	1.68	2.13	.82	1.23	
July	2.49	.36	5.48	.75	2.60	4.11	1.83	1.30	5.80	2.58	
August	4.57	2.49	5.06	1.31	1.84	2.73	2.34	7.15	2.32	2.58	
September ..	.28	2.87	1.25	1.74	1.88	.31	3.08	1.60	8.29	1.48	
October ...	4.11	3.24	2.83	2.14	1.88	.84	7.94	4.43	2.69	4.47	
November ..	2.98	4.05	2.05	3.47	5.18	2.42	4.17	3.54	1.80	3.81	
December ...	3.12	4.45	4.91	1.58	8.31	7.06	2.19	1.89	6.85	5.28	
TOTALS ...	33.71	28.95	38.01	32.31	33.97	33.49	39.46	31.14	41.39	37.48	

far too small cs.

Rejected from survey: 9° too low

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

RAINFALL at Ramskill

N° 35

County of N. Yorks.Observer L. Mitchell Esq. C.E.River Basin Guse - NiddEng. BradfordCu Snowden Rain Gauge, byW. Newlands, Esq. B.E. (1930)5.00 }
5.00 } good condition 11-23
5.00 }

Diameter ...	5"											
Height	10											
Altitude ...	450											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	MEAN
January ...	5.25	5.67	1.94	2.95	3.60	6.42	7.26	5.08	10.72	1.93	8.22	
February ...	3.04	0.6	2.41	6.97	.97	6.68	4.34	2.40	6.21	1.00	1.63	
March	3.85	2.50	.99	2.11	1.62	1.22	1.99	3.20	4.25	.55	3.19	
April	4.68	.80	1.55	3.75	2.55	4.99	1.73	3.02	.69	2.07	4.87	
May	3.83	1.60	.90	2.74	5.71	5.64	3.12	1.79	2.09	2.60	1.59	
June	1.89	.37	1.29	0.81	2.06	.13	3.25	3.35	4.88	1.21	2.02	
July	7.44	2.30	3.26	2.85	5.63	1.21	3.59	5.62	1.24	2.77	5.50	
August	1.51	3.42	3.37	5.20	3.97	2.73	3.31	8.56	5.87	3.54	3.77	
September...	1.18	.86	2.73	3.98	4.87	2.70	2.22	5.64	.48	1.36	5.21	
October	2.94	.92	.40	6.44	5.78	4.52	3.96	6.02	7.78	4.92	4.70	
November...	2.32	.89	.66	7.07	3.67	3.24	9.27	5.23	6.94	6.90	6.37	
December...	4.26	2.26	1.67	3.53	6.41	6.82	1.70	3.16	3.29	11.60	4.51	
TOTALS...	42.19	21.65	21.17	48.40	46.84	46.30	45.74	53.07	54.44	40.45	51.58	
	NP	NP										

1921. Short dip to Dec. N.R. printed. Obs. caps will have 9. examined.
New gauge 21.22. Previous by 1920. probably due to leakage. A line wind may
have reduced 7.5. 11.23. 3. in excellent position about 15 yds to W of field in
meadow field with sufficient shelter all round.

1922. low: not printed.

Rejected from survey: 9" too low

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 RamskillCounty of West RidingObserver Bradford Corpn. W.W.River Basin Ouse-Nidd-IIW Newlands J.C.F.Type of Gauge SnowdonThe Engineer, Bradford W.W.Annual Average 42.1 in. based on 10 years obs. un-weighted. Period of average 1923-32 Ref. Snowdon

66055426

Diameter	5.											
Height	1.0.											
Altitude	450.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Total
January	2.98	5.24	3.60	3.94	1.84	3.27	6.41	8.37	7.64	2.19	47.70	
February	5.11	.58	5.01	.32	7.76	4.14	7.26	2.32	4.20	2.40	39.10	
March	.88	2.97	2.63	4.24	1.47	2.41	3.89	.75	3.62	2.89	25.75	
April	4.98	5.09	1.52	4.44	4.11	1.87	2.82	.31	1.99	2.99	30.12	
May	3.82	5.53	2.68	4.09	1.29	2.44	3.34	3.18	1.09	3.16	30.62	
June	4.86	2.53	1.27	2.13	4.00	5.32	2.08	4.12	3.12	.44	29.87	
July	3.28	4.36	2.98	1.06	.71	3.38	1.99	3.44	4.94	4.63	30.77	
August	3.46	1.10	0.40	2.53	1.31	1.29	1.65	2.88	2.21	.72	17.55	
September	4.69	4.13	2.02	3.18	6.85	3.05	1.62	1.66	1.86	2.86	31.92	
October	1.66	4.59	4.11	6.04	8.21	3.81	2.85	11.92	4.12	4.96	52.87	
November	5.80	3.94	3.86	3.04	8.01	4.80	1.78	7.11	6.49	7.29	52.12	
December	1.97	2.31	0.77	7.88	2.73	4.84	4.08	5.33	3.04	3.51	36.46	
TOTALS	43.49	42.37	30.85	42.89	48.29	42.82	39.77	51.39	44.34	38.04	424.25	
	D	2	2	D	D	D	D	2	D	D		

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	Direction

Station No. T.F. 3369

RAINFALL at Ramsgill

41

County of West Riding

Observer The Engineer

River Basin Ouse Nidd

Bradford W.W.

Type of Gauge Snowdon

Annual Average 22.1 in. based on 19 years obs. un-weighted. Period of average 1923-32 Ref. Survey

Av. 1 or 2 inches less for records. W.B. 1546

File No. 660554/26

Diameter	5"											
Height	1' 0"											
Altitude	450'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	3.90	5.53	7.08	5.55	6.36	5.33	4.53	10.04	2.36	3.32	54.00	
February	5.34	2.03	3.70	3.03	6.63	5.56	3.67	4.23	3.88	7.93	46.00	
March	5.12	2.35	2.27	5.0	1.72	1.68	8.05	3.52	1.58	1.99	29.38	
April	3.57	1.38	3.00	2.57	3.11	2.03	7.22	3.29	4.95	4.67	36.39	
May	1.67	4.21	4.08	2.74	5.00	3.20	2.65	1.30	2.04	2.30	29.19	
June	2.20	7.5	2.59	2.43	3.95	3.18	3.92	4.27	6.2	1.54	23.45	
July	2.46	3.20	2.33	2.68	2.61	3.08	1.80	1.37	2.09	2.99	24.61	
August	3.49	4.22	4.90	2.45	3.05	7.11	2.9	4.65	3.49	7.27	40.92	
September	3.6	2.61	5.40	6.84	3.55	6.80	2.55	3.19	1.68	5.76	38.74	
October	5.10	4.47	3.04	4.94	7.38	2.32	1.38	1.73	5.49	2.89	38.74	
November	3.78	1.35	3.34	3.64	6.7	9.38	6.20	2.39	6.14	6.17	49.06	
December	2.20	5.44	2.53	4.94	2.94	4.12	4.08	5.32	9.04	2.19	42.80	
TOTALS	34.19	38.74	44.26	48.31	46.97	53.79	46.34	45.30	43.36	49.2	453.28	

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.

BRITISH RAINFALL ORGANIZATION

Station No. 3369 15 40RAINFALL at Ramskill

51

County of West Riding - Yorks.

Observer

The EngineerRiver Basin Cause - Middle - 11Bradford W.W.Type of Gauge Standard (N.T.) w/ 1/2 in. glassAnnual Average 42.1 in. based on 12 years obs. un-weighted. Period of average 1923-32 Ref. Summary" " 44.28 " " 23 " " within 1926-57 " " File No. 66084/26 E. 22802/5

Diameter ...	5"											
Height ...	1'0"											
Altitude ...	450'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	3.90	4.86	1.42	3.90	3.23	4.74	5.71	5.02	4.64	7.11	44.53	
February ...	3.84	.88	3.79	3.13	2.53	2.49	3.80	6.63	.31	4.43	31.83	
March ...	4.41	3.60	1.25	3.10	2.32	1.56	3.04	2.10	2.66	2.75	26.79	
April ...	2.56	2.01	3.35	.98	1.22	1.87	.41	1.29	4.78	3.01	21.48	
May ...	6.77	2.06	2.36	4.94	3.79	1.13	1.62	5.83	1.05	1.67	31.22	
June ...	1.18	1.48	2.99	2.49	2.81	2.94	1.83	3.49	1.23	1.59	22.03	
July ...	1.65	1.47	5.03	3.40	1.44	5.06	3.40	4.04	2.30	6.26	34.05	
August ...	4.91	6.81	4.64	7.03	1.25	7.56	5.65	3.06	.65	3.57	45.13	
September ...	2.63	5.42	3.96	4.50	2.17	3.84	4.32	4.03	.15	3.65	34.67	
October ...	1.70	5.09	2.52	8.40	2.66	2.53	5.64	4.18	5.15	6.88	44.75	
November ...	10.62	2.60	4.79	9.31	2.98	1.13	2.72	1.27	6.43	7.53	49.38	
December ...	8.34	2.93	2.03	5.84	6.63	5.08	4.64	6.38	10.61	7.08	59.56	
TOTALS ...	52.51	39.21	38.13	57.02	33.03	39.93	42.78	47.32	39.96	55.53	445.42	
	D	D	D	D	D	D	D	D	D	D		

Sup. to A. Pleasdale 6/10. Residue measure gauge in poor condition worn out. New R.D. gauge also set in
 grass without a record of time. Can be measure duty. Site, small part of level land between Church & old
 near stream, with trees. Tree 9-10' N.E. 40°-50°. Hill S.W. 10°
 gauge the upper end near up 15-20. S.S.W.
 Insp. Mr. O'Hare 24-9-58. Triangular fence at road. Tree 40°-55°-60° N.E. Direction S.W.-S.S.E. Tree would be
 6 more g. 50° S.S.W. Really with Can be measure.
 Insp. 7-9-58 by H.H. Butler. New measure. Tree 40°-80° N & N.E. 10° of S & S.E.

Position of Station on Ordnance One-Inch map: No. of Map 90 National Grid Reference 441129729

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

Summary of Earlier Records from 10-year Sheets:

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