

70

RAINFALL AT *Skipson Sandbed Beck Burnside*

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

(23)

Diameter....							5	.	.	.	
Height							1	.	.	.	
Altitude							676	.	.	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						#	2.26	6.83	6.17	1.18	
February....							5.05	3.85	1.87	3.17	
March.....							6.17	4.34	2.58	2.83	
April							1.46	3.63	2.39	2.28	
May							86	2.60	6.75	1.72	
June							2.60	2.07	3.73	5.93	
July.....							2.17	7.58	1.34	4.81	
August							3.28	6.00	7.50	6.44	
September ..							4.62	3.07	4.53	2.25	
October							3.26	7.40	4.42	2.30	
November ..							4.25	7.22	4.21	1.90	
December ..							7.07	4.32	2.05	2.58	
TOTALS ..							43.05	58.91	47.54	37.39	

RAINFALL AT Skipton Sandbed Beck, Burnesall

Lat.

Lon. County of YorkMonthly Rain Gauge, byObserver A. R. Binnie, Esq., C.E.Cause - Works 10 Monthly

Diameter	5										
Height	1.0										
Altitude	676										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...	4.0	.75	(3.75)	6.57	6.72	2.83	4.62	2.30	1.50	2.04	
February ...	4.00	6.00	3.65	2.90	3.16	2.57	(1.56)	1.82	1.00	2.10	
March	3.69	5.25	5.15	.93	2.90		4.37	1.31	3.39	3.12	
April	2.28	1.54	4.70	3.00	1.25		3.43	1.85	3.15	3.06	
May	2.56	4.16	1.83	1.05	2.35		3.80	2.39	1.35	2.52	
June	5.35	2.90	4.30	2.78	.38	2.88	1.40	.09	2.62	.43	
July	5.38	4.67	3.50	3.60	5.81	1.60	3.80	2.12	5.82	3.45	
August	1.52	6.40	3.56	3.50	2.62	1.43	1.95	2.20	5.14	7.43	
September ...	4.40	2.90	3.00	5.40	2.66	3.95	3.36	6.45	1.37	1.95	
October	5.15		4.51	1.60	3.02	5.50	5.90	2.60	1.33	2.39	
November ...	5.21	6.44	7.30	3.00	1.76	2.52	3.96	3.70	9.05	1.73	
December ...	6.40	4.91	5.00	3.24	4.50	1.43	5.21	2.61	2.67	2.51	
TOTALS ...	46.34		(50.25)	37.57	37.13		(45.56)	29.44	38.39	33.73	

1880 January gauge tampered with

1881 October " " "

1882 January, record imperfect amount computed

1885 March to May gauge tampered with

1886 February " " "

RAINFALL AT *Skipton Sandbed Beck Burnside*

Lat. _____

Lon. _____

 County of *York W.R.*

Rain Gauge, by _____

 Observer *J. Webster Esq. Ch.*
J. Watson Esq. C.S.
Use - Wharfe 10 Monthly 1823

Diameter	5										
Height	1 0										
Altitude	676 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.31	2.53	2.91	1.29	5.12	4.15	2.85	2.78	4.10	6.85	3.689
February ....	.68	.48	2.49	6.58	8.50	1.03	1.73	3.13	4.14	2.60	3.136
March	4.46	2.13	1.07	1.41	4.54	3.39	6.00	6.27	2.10	2.34	3.371
April	1.29	1.89	2.10	.69	2.39	2.43	2.43	2.73	3.16	3.57	2.268
May	2.47	2.26	4.62	2.87	2.19	.60	.50	2.03	2.74	4.38	2.466
June	4.56	1.28	4.56	3.68	2.64	1.87	3.32	3.78	3.12	1.96	3.077
July	3.81	4.07	2.97	3.54	3.95	5.24	2.86	2.10	1.17	2.45	3.216
August	6.25	6.83	6.69	4.71	3.95	4.18	2.24	5.55	5.17	2.37	4.794
September....	2.47	2.74	3.59	4.07	.78	1.97	5.27	4.73	1.08	5.90	3.260
October	2.69	4.26	7.37	5.32	5.61	5.37	4.38	2.40	6.35	3.15	4.690
November....	5.27	(4.40)	2.15	2.44	3.19	3.46	1.42	3.67	2.40	3.20	(3.160)
December ....	.87	6.66	1.60	4.49	4.23	4.58	5.47	5.20	4.73	4.13	4.196
TOTALS	39.13	(39.53)	42.12	41.09	47.09	38.27	38.47	44.37	40.26	42.90	(41.323)

1891 Nov. gauge tampered with.

RAINFALL AT *Burnsall Sandbed Bed*

Lat.

Lon.

County of *York W.R. Northern*

Rain Gauge, by

Observer *J. Watson Esq. Ch.*

W. Sharpe - 10. M

Diameter ..	5										
Height	10										
Altitude ..	<i>696</i>	<i>676</i>	<i>696</i>	<i>676</i>							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.97	2.96	2.78	4.08	3.72	1.87	5.58	2.17	4.26	2.13	3.562
February ..	5.10	2.00	1.92	4.39	3.60	2.13	3.09	2.45	3.30	3.12	3.110
March	1.06	3.47	2.91	5.63	2.39	3.72	3.04	4.27	4.77	4.15	3.541
April	2.87	2.77	1.84	2.13	3.72	3.38	1.28	2.78	2.87	4.27	2.791
May	1.68	1.44	2.91	3.19	3.77	.61	5.28	3.91	3.14	2.84	2.877
June	4.03	1.24	1.69	2.03	2.23	2.39	1.84	6.97	4.98	2.87	3.027
July	2.98	2.07	3.67	4.73	1.85	1.37	1.98	2.72	4.92	5.68	3.197
August	6.05	3.66	2.37	4.73	4.02	4.54	4.64	4.09	4.11	3.58	4.179
September ..	1.71	2.45	1.79	4.23	1.67	3.69	1.08	.93	4.67	3.42	2.564
October	6.17	2.79	3.98	10.17	1.60	2.98	6.76	6.37	2.53	4.70	4.805
November ..	5.53	5.27	2.97	2.71	3.87	4.64	5.27	3.24	3.48	2.22	3.920
December ..	5.46	5.60	3.39	2.48	3.14	1.33	3.66	6.94	3.55	6.24	4.179
TOTALS ..	48.61	35.72	32.22	50.50	35.58	32.65	43.50	46.84	46.68	45.22	41.752

H.W.

RAINFALL at

Burnsall Sandbed Beck

No 23

County of W.R. Yorkshire

Observer ^{late} J. Watson Esq. c.t.

River Basin Ouse - Wharfe 10

L. Mitchell Esq. LL

Rain Gauge, by

561948 10 3338

Diameter ...	5										
Height	10										
Altitude ...	676 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 MEANS Totals
January ...	6.48	2.06	5.07	4.46	3.18	5.74	4.43	3.72	3.48	4.88	16.48
February ...	4.87	5.67	2.55	2.00	3.15	4.85	5.20	1.02	6.48	1.60	14.30
March	1.06	2.84	5.72	5.86	5.16	1.67	3.37	2.37	1.88	4.78	12.37
April	2.60	2.03	1.07	4.13	1.22	1.64	2.48	2.23	1.17	5.57	8.25
May	2.30	1.17	2.37	3.50	2.42	1.60	2.53	2.00	1.97	1.72	8.22
June	2.57	2.85	7.08	2.37	2.80	1.07	2.68	2.48	1.53	1.21	7.90
July	3.37	.86	5.15	1.06	2.97	4.65	2.75	1.94	4.88	3.27	12.81
August	5.98	2.78	5.70	1.97	3.00	3.13	3.72	7.17	4.98	3.52	19.39
September ...	.35	4.08	2.17	1.67	2.65	.98	2.48	2.26	10.19	1.78	16.71
October ...	4.18	3.84	4.28	1.93	2.62	1.16	9.48	5.75	3.40	3.48	22.11
November ...	4.80	3.92	2.57	4.43	5.84	2.33	4.28	3.68	2.16	3.47	13.59
December ...	5.24	6.37	5.00	3.58	7.58	6.17	3.29	3.02	7.23	6.23	19.77
TOTALS ...	43.90	38.47	48.73	36.96	42.59	34.99	46.69	37.64	49.26	38.31	171.90

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

RAINFALL at Burnsall Sandbed Beck No. 23County of N. YorksObserver L. Mitchell Esq C.E.River Basin Cuse-Wharfe 10Emp. Bradford Corp W.U.Snowden Rain Gauge, byW. Newlands, Esq. E.E. (1920)

Diameter ...	5'												
Height	10												
Altitude ...	676												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 TOTALS	
January ...	4.93	7.17	3.61	4.12	3.36	4.84	4.97	5.41	11.74	1.91	8.04	60.10	
February ...	4.08	3.5	5.30	5.81	1.03	6.67	5.08	2.06	6.53	.96	.79	38.66	
March	3.67	3.34	3.18	2.75	1.58	1.17	2.37	4.15	4.02	.55	2.61	29.39	
April	4.72	1.09	2.48	3.34	2.31	4.18	1.62	4.55	1.03	1.83	1.85	29.00	
May	4.46	2.15	.87	3.32	6.61	5.61	3.94	1.87	1.08	2.77	1.47	34.15	
June	2.47	.21	2.58	1.04	2.19	.11	3.53	3.51	6.11	1.93	2.17	25.85	
July	6.71	2.74	4.31	4.21	5.13	1.84	4.12	6.18	2.01	3.20	4.38	44.83	
August	3.17	5.86	3.14	6.20	5.56	4.95	4.53	7.43	7.38	4.90	5.69	58.81	
September...	1.57	2.74	4.39	5.62	5.20	3.35	3.44	6.03	.79	1.91	3.96	39.00	
October	2.69	3.72	.72	7.16	4.66	5.43	4.80	5.23	5.79	6.42	6.02	52.64	
November...	3.78	2.83	2.09	6.31	4.15	2.48	8.26	5.34	7.15	6.75	5.93	55.07	
December...	4.06	7.30	4.90	4.40	5.66	4.86	1.95	1.89	3.17	8.74	3.79	50.72	
TOTALS...	46.31	39.50	37.57	54.28	47.44	45.49	48.61	53.65	56.80	41.87	46.70	518.22	

Sp. 3.10.22 not inserted as G. frequently interferes with & finally has been stolen

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 Burnsall (Sandbed Beck)County of West RidingObserver Bradford Corpn. W.W.River Basin Ouse - Wharfe - 10W Newlands Esq. C.E.Type of Gauge SnowdonThe Engineer, Bradford W.W.Annual Average 41.0 in. based on 47 years obs. un-weighted. Period of average 1881-1928 Ref. 5660554/26

Diameter	5.												
Height	1.0.												
Altitude	676.												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Total		
January	3.84	5.41	2.73	4.05	2.16	4.51	4.77	8.31	6.61	1.86	4.425		
February	6.05	26	4.74	24	7.49	2.35	6.54	2.59	4.13	2.43	36.82		
March	5.8	3.47	2.64	3.03	1.90	2.79	2.93	2.76	2.50	3.19	25.70		
April	3.73	5.03	2.19	3.30	4.33	1.23	3.53	1.01	1.79	2.61	28.75		
May	2.89	4.03	2.45	3.42	1.21	1.06	2.86	3.42	.73	1.48	23.55		
June	7.18	1.78	3.72	2.33	3.97	4.24	2.92	4.39	3.98	.47	35.08		
July	4.33	5.95	3.28	2.35	2.19	5.77	2.71	4.49	6.83	4.47	42.37		
August	4.37	1.39	1.39	3.64	2.27	2.72	1.70	4.43	1.53	2.19	25.63		
September	3.06	6.11	1.91	3.52	8.33	(3.40)	1.96	1.42	1.36	5.60	36.67		
October	2.45	7.02	3.67	5.87	8.09	4.05	2.14	11.63	2.66	4.11	51.69		
November	6.97	4.23	2.49	1.89	5.75	5.10	1.12	6.77	6.78	6.11	47.21		
December	2.46	1.99	0.82	6.92	3.53	5.05	2.54	5.54	3.62	4.17	36.34		
TOTALS	47.91	46.67	31.73	40.56	51.22	(42.37)	35.72	56.76	42.52	38.69	434.15		

1936. Sept. est. by min. obs. 1940 Jan. correction for error

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. 3338

RAINFALL at Burnsall (Sanded Beck) ✓

41

County of West Riding Observer The EngineerRiver Basin Onse-Wharfe-10 Bradford W.W.Type of Gauge Snowdon?Annual Average H.Q.in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. 5

4.1928

File No. 66955.4/26

Diameter	5"		061	940							
Height	1' 0"			1							
Altitude	676'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	4.40	4.68	6.23	5.94	4.50	5.21	5.16	8.87	(2.26)	2.99	50.24
February	4.28	(2.44)	3.37	2.35	6.44	4.34	5.32	3.87	3.15	8.00	43.56
March	4.55	3.32	1.81	3.2	1.51	1.31	7.66	2.27	2.01	1.99	26.75
April	2.22	2.10	2.46	3.35	3.47	1.51	4.76	2.87	3.20	4.48	30.42
May	1.53	3.44	3.49	2.41	3.27	2.41	3.05	1.83	8.31	2.24	26.98
June	.68	.78	4.31	3.23	4.67	3.32	3.04	4.71	.68	3.39	28.81
July	1.46	4.47	2.93	3.82	3.14	4.51	2.93	1.21	2.89	4.00	31.66
August	6.22	4.51	6.35	2.54	3.84	8.45	.33	4.11	3.29	7.14	46.78
September	.89	2.68	4.65	7.13	3.43	7.65	2.25	2.97	.78	6.46	38.89
October	6.27	4.71	3.24	4.54	7.11	1.94	1.09	2.78	5.85	3.47	41.00
November	3.23	1.62	2.17	8.37	.56	7.22	7.57	2.12	6.52	8.00	44.38
December	2.73	4.95	2.13	4.35	3.17	4.03	3.94	2.82	8.35	1.89	38.36
TOTALS	38.76 M	39.70 M	43.14 M	48.35 M	45.11 M	51.90 M	47.10 M	40.43 M	42.29 M	57.05 M	447.83

1941 Jan. total est'd. from map.

1942 Feb. total part est'd.

4000420004

40004

Position of Station on reduced Ordnance Survey Map, } No. of Map.....

1 mile to 1 inch Series

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. 3338 *T.F. 46*RAINFALL at Burnsall (Landed Buck) **51**County of West Riding - Yorks. Observer J.H. CargillRiver Basin Ouse - Wharfe - O Bradford W.D.Type of Gauge Snowdon BradfordAnnual Average 41.8 in. based on 47 years obs. un-weighted. Period of average 1881-1915 Ref. P44.92 " " 35 " " 1916-1950File No. 196-1950 66X56/26E.22802/58

Diameter ...	5"		061	940							
Height ...	1'0"			1				1'2"			
Altitude ...	676'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.83	4.64	1.49	3.75	2.37	4.97	5.25	4.64	3.91	5.05	
February ...	3.92	1.17	4.71	3.55	2.76	1.79	3.85	7.81	1.18	3.49	
March ...	3.77	1.87	1.13	2.97	2.35	2.26	4.69	2.02	2.44	2.14	
April ...	1.77	2.31	3.52	1.03	1.97	1.58	.37	1.11	3.36	2.58	
May ...	2.35	1.28	2.15	3.38	4.21	1.91	1.51	5.61	.70	1.74	
June ...	1.14	2.61	3.26	3.93	3.73	2.86	1.52	4.77	1.89	1.13	
July ...	2.03	2.06	5.97	5.32	1.41	5.14	4.85	3.25	2.95	8.21	
August ...	4.27	6.59	5.72	8.55	1.14	9.70	6.53	3.80	.59	4.16	
September ...	2.72	4.17	4.24	5.98	2.73	4.88	6.85	5.19	.29	2.66	
October ...	1.08	4.51	2.27	8.70	2.71	2.61	6.44	4.06	(4.47)	3.36	
November ...	8.68	2.08	5.61	6.52	2.67	1.42	2.11	1.53	4.52	7.14	
December ...	6.71	4.55	2.08	6.57	6.74	5.07	4.95	4.24	7.13	5.10	
TOTALS ...	42.27	37.84	42.15	60.25	34.73	44.19	48.92	48.09	33.43	46.76	
	n.p.	M	M							n.p.	

1951. n.p. low.

"up to 10 ft. above 6 ft. gain post condition. M. machine. Both to be replaced.

Site in (meadow), level, mostly sheltered but not obstructed. Protected by low wall with 1/2" cyp. Insp. Mr. O'Kane 25.9.58: Protection required from sheep. Reasonable exposure. New g. req'd. Unrest. measure.

1960 n.p. low

Position of Station on Ordnance One-Inch map: No. of Map 90 National Grid Reference 019614

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

Summary of Earlier Records from 10-year Sheets:

1916-1950, P-accepted

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