

RAINFALL AT Skipton Gill Grange 70  
Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of York W.R.

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_

Rain Gauge, by

Observer A. R. Binnie Esq. C.E.

15

Diameter.....							5	.	.	.
Height .....							1	.	.	.
Altitude .....							883	.	.	.
Year .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879
										MEANS.
January .....							F 1.30	4.63	3.66	.89
February .....							3.27	2.90	1.82	2.58
March .....							2.50	3.48	1.81	1.10
April .....							2.50	3.50	2.25	1.95
May .....							1.48	2.70	4.35	1.33
June .....							2.04	<del>1.50</del> 88	3.05	3.39
July .....							2.64	3.80	1.47	4.00
August .....							3.12	4.96	6.08	3.90
September .....							3.90	3.81	3.12	1.30
October .....							2.13	4.39	4.01	.91
November .....							3.79	4.63	2.60	.86
December .....							6.98	3.19	1.60	1.61
TOTALS .....							34.65	<del>43.49</del> 35.82	23.82	

June (Flagley Water II. 11)

1877 Observations for June imperfect

RAINFALL AT Kepton, Gill Grange, Elsdon

Lat.

Lon.

County of YorksMonthly

Rain Gauge, by

Observer A.R.Dinnie, Esq., C.E.

OUSE Acre - 9

No 15

Diameter .....	5										
Height .....	1.0										
Altitude .....	883 T										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	29	33	2.50	3.17	5.19	1.76	4.98	1.59	.88	1.00	2.169
February .....	2.75	3.45	3.10	1.96	2.90	1.95	3.30	1.47	.43	1.18	1.849
March .....	2.03	3.72	3.22	.73	2.25	1.85	2.17	1.25	2.29	1.84	2.135
April .....	1.61	1.22	4.09	3.27	1.60	2.20	2.10	.72	2.49	2.83	2.213
May .....	2.10	2.77	1.25	1.03	1.31	2.07	4.30	1.38	.86	2.16	1.923
June .....	3.23	2.47	3.79	2.40	3.14	2.95	1.05	.08	2.20	1.01	1.952
July .....	5.53	4.50	4.95	2.95	5.04	1.12	3.41	1.35	5.11	3.30	3.729
August .....	2.10	3.94	2.20	1.67	1.10	1.17	1.84	2.00	2.85	4.94	2.381
September .....	3.95	2.59	2.38	5.60	2.05	4.00	2.10	3.12	.59	1.34	2.772
October .....	2.60	4.10	4.13	4.80	1.45	6.43	4.61	1.75	.70	4.75	3.532
November .....	3.13	3.91	-50	3.02	1.15	2.33	1.90	2.23	7.60	.97	3.080
December .....	4.36	2.41	2.74	1.65	4.05	1.95	3.20	1.72	1.90	1.94	2.492
TOTALS .....	33.68	35.41	38.94	32.26	28.43	28.78	31.96	17.66	27.90	27.26	30.227

## RAINFALL AT Skipton Gill Grange Sibden

	Lat.	Long.	County of	York W.R.							
Observer	W. Aire	Rain Gauge, by	J. Webster Esq C.R.	J. Watson Esq C.R.							
	Altitude	Monthly									
Diameter ....	5										
Height ....	1 0										
Altitude ....	883 T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	2.90	1.60	2.01	.81	3.05	3.31	1.17	2.25	2.15	5.17	
February .....	.80	.10	2.68	2.78	4.45	.29	1.00	1.82	2.83	1.50	
March .....	2.18	1.53	.71	.93	3.25	2.91	3.28	4.40	1.24	1.73	
April .....	.87	1.91	1.28	.85	2.40	2.22	1.80	1.84	2.93	2.64	
May .....	3.11	2.64	2.62	2.15	1.25	.28	.75	1.25	2.50	2.87	
June .....	3.15	1.36	4.64	2.05	3.15	2.83	1.40	3.44	2.02	2.10	
July .....	2.50	4.05	2.21	3.67	3.13	3.85	.85	1.05	.61	2.42	
August .....	5.76	5.55	3.70	2.50	3.45	3.30	1.85	4.26	3.24	1.84	
September....	1.45	2.63	2.05	2.10	.81	1.69	4.84	3.85	.69	1.33	
October.....	1.50	3.51	7.58	3.65	4.50	3.43	1.05	1.64	5.40	2.65	
November....	4.22	3.65	1.58	2.06	1.78	4.50	4.00	2.91	1.62	1.30	
December....	.70	5.75	.83	3.65	2.38	3.05	3.97	3.64	3.20	3.00	
TOTALS .....	29.14	34.28	31.89	27.20	33.60	31.66	(25.34)	32.35	(28.43)	(28.05)	(30.194)

\* Gauge found empty.  
 1898 gauge tampered with  
 1899 gauge found empty in December } estimated

1896 October appears to be about 3 in. too small.

RAINFALL AT Skipton Gill Gauge  
 Lat. .... County of York W.R. Central  
 Rain Gauge, by Observer J. Watson Esq. Ch.

Ouse-Aire 9

Diameter ..	5											
Height ..	1.0											
Altitude ..	883											
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M. MEAN.	
January ..	4.17	1.95	1.94	2.62	2.73	.89	3.93	.97	1.88	1.26		
February ..	3.25	1.18	1.26	3.34	2.79	.97	1.76	1.34	2.17	1.21		
March ..	.27	1.83	1.54	6.06	1.10	2.63	2.18	2.37	3.22	(2.50)		
April ..	1.44	2.60	1.05	1.74	1.89	1.93	1.15	1.57	2.26	2.36		
May ..	.27	.68	2.73	2.27	3.80	.36	3.40	3.55	2.75	2.74		
June ..	4.22	.86	1.30	2.34	1.42	2.00	2.46	4.08	1.10	2.72		
July ..	5.08	2.34	2.11	3.92	1.93	1.39	2.14	2.77	3.24	3.10		
August ..	5.85	1.58	(2.00)	3.25	2.82	4.82	3.44	2.40	2.42	2.85		
September ..	.75	1.18	1.44	4.62	.67	2.05	.59	.64	3.01	2.75		
October ..	4.12	1.87	3.34	8.74	1.28	3.24	4.34	5.75	2.63	2.20		
November ..	3.65	4.84	1.61	1.95	1.94	4.70	3.54	1.75	2.38	.90		
December ..	4.18	2.35	2.40	1.51	2.06	.70	1.83	2.93	1.56	4.40		
TOTALS ..	37.25	23.26	22.72	24.36	24.43	25.68	30.76	30.12	28.62	28.90	29.319	

1902 Gauge found empty in August } roughly wet.  
 1909 March Gauge found empty. } Heightly Water III 12

RAINFALL at Sleden Gill fringeCounty of W.R. YorkshireObserver J. Watson Esq. C.I.River Basin Brue - Aire GL. Knivell Esq. C.I.

Rain Gauge, by \_\_\_\_\_

Diameter ...	5	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS, TOTALS
Height .....	1.0											
Altitude ...	883											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		
January ...	3.48	1.06	3.90	2.92	2.94	4.10	2.93	1.85	2.46	3.08	10.32	
February ...	2.78	2.91	2.17	2.10	1.99	3.95	4.27	.61	5.24	1.87	11.69	
March .....	.44	1.40	3.73	4.08	4.00	1.05	3.41	2.80	1.21	2.79	10.21	
April .....	2.82	.85	.90	2.50	unpl	1.20	1.76	1.34	.83	1.53	5.46	
May .....	1.80	.67	2.24	3.17	1.06	1.76	2.40	2.27	2.93	1.95	9.55	
June .....	2.50	3.52	6.46	1.55	2.21	1.32	2.03	1.88	1.17	.76	5.84	
July .....	2.85	.48	4.72	.77	2.75	4.26	1.93	1.15	3.81	2.57	9.16	
August.....	4.35	2.09	5.82	1.03	1.49	4.33	2.51	6.25	2.62	2.86	13.74	
September ..	.24	2.58	1.85	1.33	1.47	.72	2.10	1.46	6.12	.78	10.46	
October ...	3.95	2.70	3.60	2.38	2.25	1.27	6.98	4.22	2.32	2.52	16.04	
November ..	3.10	3.30	2.11	2.79	3.61	1.40	3.45	2.71	1.28	2.27	9.71	
December ...	3.65	5.25	4.65	1.67	Broken	6.64	2.51	1.41	5.26	4.51	13.69	
TOTALS ...	31.99	26.80	42.15	26.29	imp.	32.00	36.28	27.95	35.26	36.59	125.87	

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

## RAINFALL at Silsden Gill Grange

County of W.R. Yorkshire

Observer L. Mitchell Esq. C.E.

River Basin Ouse-Aire g

Eng. Bradford

Bradford Rain Gauge, by Casella

W. Newlands, Eng. &amp; C. (1930)

Diameter ...	5"												
Height .....	10												
Altitude ...	883												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.		
January ...	3.48	5.60	3.40	2.19	2.36	3.71	2.60	(2.58)	6.15	1.24	5.07	38.38	
February ...	2.42	2.7	3.18	5.92	84	4.83	2.55	1.32	3.55	35	1.10	26.33	
March .....	2.40	1.82	2.73	2.12	85	.97	.70	2.85	2.69	22	1.80	19.15	
April .....	4.30	9.8	3.43	3.05	1.85	2.95	1.66	2.94	.99	.93	2.97	26.05	
May .....	3.35	1.48	.87	3.17	5.49	4.13	3.32	1.12	1.62	1.95	1.75	28.05	
June .....	1.62	1.16	1.77	.87	2.60	.04	2.92	3.17	4.40	.80	1.64	19.99	
July .....	5.59	1.60	4.85	3.47	3.77	1.65	2.27	4.21	1.05	2.84	6.06	37.36	
August .....	1.92	4.89	4.86	3.95	3.88	4.86	3.45	6.82	4.88	2.74	4.05	48.80	
September...	1.27	1.25	3.35	3.75	3.71	2.56	2.35	4.33	.75	.78	3.87	27.97	
October.....	2.46	1.74	.85	5.43	3.19	3.65	4.08	3.26	5.16	4.05	3.73	37.54	
November...	1.97	2.43	1.75	4.85	2.17	1.98	5.79	3.51	4.85	5.08	3.98	38.36	
December...	3.27	3.87	2.75	3.56	3.90	3.00	.92	(2.54)	2.50	6.96	2.48	35.75	
TOTALS...	34.05	26.09	33.79	42.33	34.61	34.33	32.61	38.65	37.83	27.94	38.50	380.73	

1927. Jan. &amp; Dec. omitted by short time.

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

## RAINFALL at Silsden (Gill Grange)

County of West Riding

Observer Bradford Corp. W.W.

River Basin Ouse - Aire - 9

~~W. Newlands Esq. C.E.~~

Type of Gauge Snowdon

The Engineer, Bradford W.W.

Annual Average 30.8 in. based on 49 years obs. semi-weighted. Period of average 1881-1915 Ref. S

b60554/26

Diameter	5											1931-40 Means	Total
Height	1.0												
Altitude	883												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940			
January	2.15	3.00	1.88 (4.45)	2.66	1.17	2.95	3.46	3.57	5.52	2.20	28.56		
February	2.91	2.21	2.48	2.21	4.00	1.76	3.86	1.31	2.76	1.24	22.71		
March	2.29	2.23	1.70	2.21	1.29	1.91	1.88	1.53	2.12	1.83	15.99		
April	3.20	2.70	1.49	2.69	3.25	1.25	2.75	1.30	1.53	2.68	21.84		
May	2.85	3.64	2.67	1.97	.51	1.37	2.90	4.61	1.24	1.28	22.94		
June	5.91	1.57	2.17	1.56	2.88	3.73	2.46	3.84	2.43	1.44	26.90		
July	3.54	4.24	2.20	1.18	.61	3.93	2.82	3.56	6.03	3.95	32.06		
August	3.63	1.42	0.44	2.30	1.05	2.36	2.28	3.15	1.08	1.07	18.78		
September	4.68	3.37	1.42	2.22	5.52	3.34	1.64	1.64	0.95	2.51	27.29		
October	1.47	4.65	3.80	2.62	6.53	2.60	2.37	6.12	2.65	3.46	36.27		
November	5.45	2.20	2.39	1.77	5.70	3.41	1.51	3.84	5.40	4.72	36.39		
December	1.24	1.48	0.54	5.15	2.31	3.33	1.73	4.04	2.03	2.23	24.08		
TOTALS	37.32	30.71	(25.15) 20.75	26.54	34.82	31.94	29.66	36.41	35.74	27.61	313.9		

1933 Feb. adjusted by near stations.

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

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. T.F. 3301

41

## RAINFALL at Silodam (Gill Grange)

County of West Riding

Observer The Engineer

River Basin Ouse Area = 9

Branchfield W.W.

Type of Gauge Standard (1873-1878)

Annual Average 32.2 in. based on 12 years obs. wt-weighted. Period of average 1881-1915. Ref. S

File No. 660554/2b

Diameter	5"	074	797								
Height	1' 0"		1								
Altitude	883'		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(2.60)	(4.83)	4.26	4.48	3.50	3.25	3.30	7.56	2.35	1.80	37.93
February	3.18	(1.29)	2.34	1.50	4.26	3.75	2.40	1.87	2.31	5.65	28.55
March	3.04	(2.95)	1.02	.40	.95	1.22	7.90	1.64	1.27	1.49	21.88
April	2.42	.86	1.60	3.32	2.36	1.15	3.25	2.81	2.89	2.69	23.35
May	1.92	2.46	2.71	1.30	4.75	1.75	4.34	.84	2.47	2.03	25.17
June	.08	1.56	2.95	2.50	3.31	1.90	3.41	3.35	.61	1.79	21.46
July	2.98	3.14	2.03	3.14	2.30	3.20	2.02	1.20	3.15	2.21	26.37
August	4.43	2.87	4.00	2.65	3.50	6.50	.28	3.32	2.25	5.23	35.03
September	.59	1.60	4.05	6.30	2.49	5.94	2.53	2.32	.98	5.00	31.80
October	4.59	3.75	2.52	4.00	5.70	1.05	1.40	1.55	3.70	2.15	30.41
November	2.64	1.46	1.90	6.50	.62	5.40	4.09	1.55	5.05	3.82	33.03
December	1.18	3.42	1.92	3.18	1.90	2.55	3.70	2.11	6.50	1.46	28.52
TOTALS	29.615	(20.19)	31.30	33.87	35.64	37.66	38.62	30.72	33.53	26.82	343.50

1941 Jan. total 20.19d. from map.

1942 Jan.-March part 20.19d for above.

1950 Jan looks lower than expected. Accepted.

40004 70004

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. 3301

51

RAINFALL at Gilsdale (Gill Grange)

County of West Riding - Yorks.

Observer The EngineerRiver Basin Darse - Aire - 9Bradford M.W.Type of Gauge Bradford

Annual Average 30.8 in. based on 49 years obs. un-weighted. Period of average 1881-1915 Ref. S

S.P. av. unweighted g./c.e.

File No. 66024126 822802/59

Diameter	5"	074	797								Means
Height	1' 0"			1							
Altitude	883'			51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.35	4.33	.60	2.55 (1.85) (4.40)	2.32	2.60	2.40	3.50			
February	3.47	.87	2.36	2.46 (1.95) 1.30	2.27	5.10	.20	2.00			
March	3.50	1.67	1.21	2.40 (2.30) 1.00	1.85	1.60	1.20	1.25			
April	1.72	1.68	2.36	.80 2.70	.23	.60	3.05	1.90			
May	3.54	2.14	1.59	2.96 2.60 1.00	1.02	4.45	1.00	1.50			
June	1.18	2.21	2.70	1.86 1.80 1.98	1.47	4.15	1.80	0.85			
July	1.98	1.35	4.13	2.47 7.3 (4.50)	2.54	3.24	2.20	5.10			
August	3.96	3.85	3.81	7.45 1.30 7.00	(6.30)	3.28	.50	4.20			
September	2.02	3.15	3.09	3.49 1.57 4.05	4.10	3.25	.19	2.75			
October	1.19	4.52	2.26	5.65 2.15 1.22	3.40	3.05	3.45	4.40			
November	7.28	1.38	4.09	5.00 2.00 .56	1.80	.95	3.80	6.50			
December	4.93	2.80	1.50	4.40 (4.43) 3.08	3.75	4.15	5.26	3.65			
TOTALS	37.12	29.85	29.70	41.19 2348 M M M M	32.83	31.05	36.42	25.05	37.20		
					M.p. n.p.	n.p.	n.p.	n.p.	n.p.		

1955 Too much estimation.

70004 40404 00204 1957. n.p. low 1958 n.p. Low.

1956 n.p. Est and rather low. Tom demanded No. 3 eng. agrees 1957. n.p. low 1958 n.p. Low.

1958 Imp. Mr. O'Kane 26/9; Softfall iron guard 1½" diam. 9" high round gauge. Interference from farmers children.

0 m. diffused all directions. Turf wall would help but land does not belong to W.U. f. round.

diff in 1958 n.p. low

1959:- n.p. low

1960 n.p. low

Rejected

Av. av. 33.22 in. based on 40 yrs. See within 1916-57 o.c.e. 3" low. Period of av. 1916-50-5

Position of Station on Ordnance One-Inch map : No. of Map 96 National Grid Reference SE(44) 067159

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d	1910-19- <del>12</del>	1920-30- <del>12</del>	1931-40- <del>12</del>	1941-50- <del>12</del>	1951-60
	✓ n.p. ✓	✓ ~20-22	✓ -	✓	