

Wakefield W.W. RAINFALL AT Grey Stones

Lat.

Lon.

County of

Yorkshire W.R.

 Rain Gauge, by N. 13

 Observer C. Chesha Smith Esq. Cl.
Air & barometer 8
per H. Rose Esq.

Diameter ..									5		
Height									10		
Altitude ..	1175										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.48	3.22	4.01	6.17	5.43	3.21	7.10	2.15	5.08	3.08	4.693
February ..	6.88	1.95	2.02	6.01	4.76	2.71	4.05	2.70	3.42	2.92	3.742
March	1.03	4.74	2.80	7.50	2.82	5.04	4.45	4.43	3.79	3.53	4.013
April	3.62	3.00	2.09	2.73	4.13	3.50	1.73	3.12	2.30	4.70	3.092
May	2.22	1.96	3.35	4.59	3.46	1.26	4.26	4.13	2.90	1.82	2.995
June	5.32	2.31	1.88	1.36	1.29	2.98	2.63	9.03	2.84	2.39	3.203
July	3.10	2.15	3.39	3.95	1.90	2.80	3.25	3.17	4.64	7.13	3.548
August	6.30	2.36	4.36	6.38	5.73	6.41	4.33	4.88	5.12	3.32	4.919
September ..	2.12	1.61	3.46	6.67	1.77	3.91	1.70	1.09	3.70	3.11	2.914
October	6.96	3.96	5.74	11.36	1.88	4.27	8.31	6.71	2.60	7.38	5.917
November ..	5.30	8.18	3.12	3.87	3.99	5.27	5.74	3.72	3.23	2.18	4.460
December ..	7.13	7.35	5.17	3.23	3.89	1.52	3.52	5.62	3.46	7.58	4.847
TOTALS ..	57.46	42.79	41.39	63.82	41.05	42.88	51.07	50.75	43.08	49.14	48.343

10-07

H. R.

10-07. Recd. 14.12.08.

Entered 17.12.08.

RAINFALL at Rushworth Moor GreystonesCounty of W. R. YorkshireObserver C. Clemens Smithley cl.River Basin Ouse-Aire-Calden 8Snoddon Rain Gauge, by

Handly											
Diameter ...	5										
Height	1.0										
Altitude ...	1175										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. TOTALS
January ...	6.81	2.86	3.35	4.82	5.18	7.83	6.02	2.42	3.48	5.41	17.33
February ...	5.71	6.69	2.71	2.25	3.95	5.06	5.99	1.10	9.24	1.60	17.93
March	1.45	2.72	6.58	7.14	6.37	1.67	2.62	3.08	2.87	5.99	14.24
April	4.35	2.47	1.63	5.88	1.88	2.48	3.47	2.13	1.24	2.28	9.12
May	3.59	2.53	3.92	3.69	2.46	2.97	3.38	2.34	3.14	2.16	11.02
June	3.96	3.68	7.01	3.90	2.32	.74	2.99	3.03	1.70	2.32	10.04
July	4.62	.50	5.46	1.26	4.63	5.23	2.42	2.58	5.00	2.27	12.27
August	6.60	3.12	8.22	2.44	3.25	5.44	3.22	9.28	3.73	4.09	20.72
September ..	3.9	4.18	2.63	1.90	3.48	.84	3.02	3.74	14.96	2.86	24.58
October ...	4.24	3.88	6.23	2.56	3.13	2.16	11.19	9.12	4.74	2.18	27.93
November ..	4.92	6.17	3.68	6.86	7.24	1.99	4.58	6.05	3.36	4.91	18.90
December...	5.99	7.48	7.92	3.25	8.05	9.36	3.90	2.30	10.39	9.35	25.94
TOTALS ...	52.63 with D	46.28	59.34	45.95	51.94	45.77	52.80	47.17	63.53 imp D	46.50 W	210.02

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			<u>Rushworth</u>					

RAINFALL at Rishworth Moor GreystonesCounty of N. R. YorkshireObserver C. C. Clemensha Smith Esq C.E.River Basin Buse-Aire-Calder &Wakefield Copt. 185
 Deep Snowdon Rain Gauge, by Scale
 Drain 4.98
4.97
4.97 **W**

Diameter ...	5													
Height	1	0				1.4								
Altitude ...	1175					1192								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 Totals		
January ...	5.82	7.63	4.29	5.92	3.81	6.20	6.09	4.91	14.61	1.33	8.34	70.95		
February ...	5.24	6.4	5.97	7.86	1.22	8.82	5.27	2.33	7.50	.60	.86	46.51		
March	4.62	5.30	3.36	2.56	1.82	2.24	3.42	5.13	3.56	1.59	3.23	36.83		
April	6.91	1.47	3.63	4.22	2.66	3.71	2.31	3.74	1.24	1.51	3.76	35.16		
May	7.30	2.95	1.02	5.02	6.57	4.93	5.10	2.05	1.67	4.33	2.46	43.40		
June	3.62	.38	3.33	1.44	2.98	.33	3.27	4.87	7.76	1.69	2.79	32.41		
July	9.85	2.45	5.96	6.16	4.31	2.15	4.02	2.94	2.52	2.75	7.19	50.30		
August	2.87	6.95	5.77	6.72	6.64	4.56	5.15	9.29	5.78	6.39	8.37	68.49		
September...	3.14	1.93	5.09	5.93	5.96	4.34	4.44	7.37	.84	2.18	5.27	46.49		
October	2.37	4.68	1.30	7.64	6.75	7.30	5.03	5.87	6.76	7.07	7.33	62.10		
November...	2.73	2.63	4.05	8.77	3.64	3.09	6.56	6.81	8.69	10.25	7.27	64.49		
December...	5.32	9.56	5.24	5.46	7.49	4.49	2.80	1.49	4.78	10.08	4.42	60.43		
TOTALS...	59.79	48.72	49.01	67.70	53.85	52.16	53.46	56.80	65.01	49.77	61.29	617.56		

Inspected 6. XII. 22. g. in winter weather off high for rain. A few small 18 in high will be added outside.
 On open moorland. Low rise slightly to SW and hills beyond moor on S. probably give fair shelter on windward. Low falls steeply to valley on NW & W. Probably a little over-exposed, but not seriously so.

Inspected 11.8.31 by Dr. Glasspool - see green file.

Position of Station on reduced Ordnance Survey } No. of Map _____
 Map, 2 miles to 1 inch Series

Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920			Rishworth					
1925			Ripponden					

Soyland
RAINFALL at Rishworth Moor (Greystones)

County of West RidingObserver C. Clemesha Smith, Esq., C.E.River Basin Ouse-Aire-Calder-8Wakefield Corp. W.V.

Type of Gauge

Annual Average ~~52.6~~ in. based on ~~33~~ years obs. ~~un-weighted~~. Period of average 1888-1915 Ref. 10.3
 (1939) 52.6 13 66631026

Diameter	5.										
Height	1.4.										
Altitude	1192.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals
January	6.76	7.06	4.84	4.79	3.12	6.42	4.16	6.83	6.77	3.13	53.88
February	7.37	AA	5.15	6.1	8.74	3.13	6.99	2.46	7.24	2.83	44.96
March	7.0	3.29	4.01	4.15	2.52	3.68	3.90	2.09	3.51	4.16	32.01
April	4.21	5.41	2.47	3.17	4.80	1.73	3.38	.86	2.79	3.13	31.89
May	3.81	5.90	2.65	4.01	1.00	1.10	2.55	4.91	1.47	1.47	28.87
June	8.08	1.19	3.37	2.91	5.72	5.05	3.23	6.29	3.98	1.02	40.84
July	5.10	4.98	4.62	3.90	2.39	4.74	2.79	5.90	8.14	4.00	46.56
August	6.42	2.13	2.00	4.52	2.42	2.65	3.28	5.32	2.88	2.65	34.27
September	3.82	7.28	1.61	4.40	9.96	6.06	2.67	2.28	1.53	5.51	45.12
October	3.57	9.30	5.94	6.46	11.63	5.64	2.78	11.75	3.31	6.07	66.45
November	10.49	4.68	2.36	2.95	7.96	6.33	2.88	7.91	9.53	8.79	63.88
December	3.41	2.93	0.64	7.30	4.05	5.63	3.83	7.51	4.15	5.14	44.59
TOTALS	63.74	54.59	39.60	49.17	64.31	52.16	42.44	64.11	55.30	47.90	533.34
	W	W	W	W	W	W	W	W	W	W	

1940 Jan. amended for snow by observer

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, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 3215 T.F.

RAINFALL at Sorgham Moor (Gragston)

41

County of West Riding Observer Wakefield Coln. W.W.River Basin Don. Ais. Balder - 8

Type of Gauge.....

Annual Average 26 in. based on 13 years obs. ~~un-weighed~~. Period of average 1881-1915 Ref I.W.S.
1939File No. 666310/26

Diameter	5"		077	749							
Height	1' 4"			1							
Altitude	1192'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	3.50	6.59	7.37	8.27	4.97	5.76	3.93	10.45	3.23	3.31	57.88
February	7.72	2.09	3.89	2.35	6.43	6.37	3.80	3.88	4.03	6.89	47.45
March	5.82	3.74	1.68	4.9	1.62	1.78	7.50	2.68	2.36	3.15	30.82
April	3.10	2.98	2.57	3.84	3.28	2.02	5.05	2.41	4.96	4.70	34.91
May	2.76	5.01	3.43	4.00	4.93	2.27	3.85	1.73	5.22	2.87	36.07
June	1.18	1.57	4.09	3.64	5.63	4.56	3.04	5.46	8.7	2.22	32.26
July	1.94	4.47	3.44	4.62	2.54	5.41	3.55	3.33	3.02	8.10	37.42
August	6.99	5.39	6.83	4.45	3.72	6.31	.43	6.00	3.15	6.82	50.09
September	.78	3.01	4.84	6.54	3.34	8.33	3.57	3.73	1.22	8.18	43.54
October	5.60	6.54	3.56	5.24	7.16	1.66	1.47	3.34	6.22	3.00	43.79
November	4.16	1.48	3.73	2.23	.76	9.22	7.73	2.53	7.82	6.23	52.89
December	3.00	4.58	3.11	5.42	3.49	4.74	5.52	5.97	9.00	3.25	48.08
TOTALS	46.55	47.45	48.54	58.08	47.87	58.43	49.44	52.01	51.10	55.72	515.20
	W.	W	W	W	W	W	W	W.	W	W	

1948 New gauge fitted also new wooden box

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. 3215

RAINFALL at

Layland Moor (Gyestones)

51

County of

West Riding Yorks.

Observer

Slackfield Lopham W.D.

River Basin

Ouse - Aire - Calder

Type of Gauge

Annual Average 52.6 in. based on 13 years obs. un-weighted.

Period of average

1881-1915

Ref. T.W.S.

53.60 " " 35 " " 1916-1950

File No.

1916-1950 666.310/26 P

Diameter ...	5"			0.77	7.49							
Height ...	1'4"	1'0"		1		en rego 1' 1/2"						
Altitude ...	1192'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total	
January ...	6.23	4.81	2.11	4.24	3.82	6.25	5.87	5.08	4.58	6.04	49.03	
February ...	3.89	1.78	2.89	3.52	3.06	1.82	3.54	7.66	.70	4.30	33.16	
March ...	6.89	3.67	2.78	4.12	2.92	2.08	4.64	2.77	2.92	1.91	34.70	
April ...	2.85	4.04	3.98	.89	2.51	3.22	.64	1.46	4.98	3.33	27.90	
May ...	3.44	2.08	3.92	3.68	4.50	1.88	2.07	5.90	2.57	2.50	32.54	
June ...	1.44	3.62	3.30	3.92	3.68	3.84	2.65	6.57	2.59	2.02	33.63	
July ...	4.19	2.99	6.40	6.31	1.25	8.52	6.09	6.15	4.30	7.83	54.03	
August ...	6.32	5.49	4.86	7.87	1.48	12.38	6.68	5.87	.54	6.42	57.91	
September ...	3.61	3.95	3.77	6.88	2.80	5.05	6.33	6.04	.86	3.54	42.83	
October ...	1.87	6.30	2.91	10.07	3.27	3.42	7.73	5.61	5.74	5.92	52.84	
November ...	10.50	2.88	5.66	7.79	3.05	2.25	3.78	2.30	6.16	9.46	53.83	
December ...	9.52	4.17	2.23	7.44	7.27	5.44	6.26	6.09	8.34	4.98	61.74	
TOTALS ...	60.75	45.78	44.81	66.73	39.61	56.15	56.28	61.50	44.28	58.25	534.14	
	W	W	W	W	W	W	W	W	W	W		

45451* Measured note. Badly overexposed to N.W., some shadow to S.W.
1956 Jan, Feb. up to 1903.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 44292.179.

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
	✓	✓	✓	✓	