

RAINFALL AT Wakefield W.W. Manshead.

Lat.

Lon.

County of

Yorkshire W.R.

Situation

Rain Gauge, by

N.Y.Z.

Observer

C. Clemens Smith Esq. C.E.

Aire + balder 8

per H. Roper Esq.

Diameter ..									5		
Height	1	0							1	0	
Altitude ...	1250								1240		
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...	7.06	3.56	4.31	5.28	5.27	3.52	7.09	2.47	5.31	3.52	4.739
February ...	4.99	1.65	1.11	6.05	4.14	3.06	4.17	2.85	3.66	3.36	3.504
March ....	.98	4.01	3.20	7.08	2.62	4.59	4.22	4.95	3.80	3.72	3.917
April	3.29	2.74	1.97	2.86	4.11	3.67	1.82	2.86	2.04	(3.52)	2.888
May	1.89	1.64	3.71	4.22	3.25	.83	3.95	4.10	2.85	2.57	2.901
June	4.31	1.95	1.72	1.17	1.33	2.96	2.40	8.31	2.74	2.58	2.947
July	2.94	1.93	3.57	3.99	2.36	3.16	3.12	2.98	3.98	6.80	3.483
August	6.12	3.06	4.12	5.50	5.69	5.47	5.08	5.00	4.26	3.03	4.733
September..	1.72	1.45	3.17	6.21	1.74	3.72	1.59	1.21	3.58	2.80	2.719
October	7.23	3.88	5.59	11.63	2.59	4.50	8.24	6.31	2.39	6.91	5.927
November ..	4.44	7.64	2.60	3.93	4.08	4.81	6.47	3.53	3.09	2.16	4.275
December ...	6.61	8.06	5.09	3.29	3.65	1.50	4.21	5.25	3.16	7.83	4.865
TOTALS ...	51.58	41.57	40.16	61.21	40.83	41.79	52.36	49.82	40.86	(48.40)	46.808

-p-

Heb

1900-07 Recd. 14.12.08.

Entered 17.12.08.

1909 April

1.00 added for loss by tampering

Annual average rejected from survey.

RAINFALL at Soyland Moss MarshheadCounty of W.R. YorkshireObserver C. Clemens Smith Esq. C.E.River Basin Grass. Airedale &Smelter Rain Gauge, by

Weekly

Diameter ...	5											
Height	1.0											
Altitude ...	1240											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 MEANS Totals	
January ...	6.40	2.77	4.31	4.22	4.93	7.93	4.96	2.11	3.12	4.76	14.95	
February ...	5.53	7.23	2.65	2.26	3.79	4.32	5.04	1.03	6.82	1.54	14.23	
March	1.48	2.63	5.76	6.39	6.22	1.85	3.92	2.54	2.13	5.90	14.29	
April	4.55	2.48	1.69	5.16	1.71	2.32	3.97	1.54	1.30	1.88	8.69	
May	3.67	1.98	3.91	3.46	1.84	3.23	2.90	2.31	3.04	2.26	10.51	
June	4.35	3.94	6.27	3.56	2.57	.76	3.14	2.98	1.81	3.46	10.39	
July	4.32	.68	5.56	1.22	4.72	5.07	2.83	2.25	4.75	1.59	11.22	
August	6.15	2.71	7.15	2.62	2.95	5.07	3.05	8.62	3.05	4.16	18.88	
September ..	.30	4.23	3.04	2.01	3.92	.90	3.17	2.87	15.12	1.81	22.97	
October ...	3.98	3.30	5.91	2.55	2.75	2.07	9.82	9.13	3.93	2.43	25.81	
November ..	4.25	4.88	3.67	6.52	6.97	1.74	5.71	5.67	2.90	5.25	19.53	
December ...	5.48	7.00	7.88	4.11	7.29	9.04	3.66	2.81	8.70	7.75	22.92	
TOTALS ...	50.46 imp 3	44.28	57.80	44.08	49.66	44.30	52.17	43.86	36.67 imp 2	41.69 w	194.39	

Annual average rejected from survey.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			<i>Ripponden</i>					

RAINFALL at Soyland Moor MarshheadCounty of N. York.Observer G. Glemesha Smith Esq. G.C.River Basin Cuse. Aire - Calder SWakefield Corp. (SW)Bradford

7321

Rain Gauge, by CableDon {
300
500
501
499
W

Diameter ...	5"											
Height	1	0										
Altitude ...	1240				1225			1225				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 Totals
January ...	6.30	9.46	3.83	6.06	4.14	6.26	6.17	5.85	14.46	1.89	7.57	71.99
February ...	4.86	7.2	5.18	8.13	1.61	8.78	5.13	2.03	7.12	.62	.98	45.16
March	5.17	4.87	3.88	2.74	1.75	2.17	3.52	5.41	5.28	1.54	3.31	37.64
April	6.46	1.66	2.43	4.46	2.58	3.60	2.22	3.79	1.24	1.55	3.50	33.49
May	6.12	2.52	1.39	5.53	6.71	5.22	4.95	2.11	1.68	4.33	2.01	42.57
June	3.86	.44	3.73	1.31	2.61	.25	3.21	4.76	7.16	1.67	2.66	31.66
July	9.22	2.27	5.28	5.44	4.87	2.02	3.72	2.95	2.36	2.55	7.02	47.70
August	2.33	6.60	5.76	6.47	6.22	4.44	4.90	9.13	5.92	6.05	8.22	66.09
September...	2.90	2.16	4.64	5.65	7.02	4.21	4.71	7.34	.87	2.13	6.11	47.74
October	2.11	3.57	1.33	7.75	6.01	6.49	4.37	5.63	5.97	6.77	7.42	57.47
November...	2.81	2.22	3.65	9.23	3.65	2.88	6.89	6.52	8.55	9.32	7.36	63.08
December...	4.73	9.20	5.05	5.18	6.73	5.25	2.67	1.48	5.45	9.13	4.52	57.39
TOTALS...	56.87	45.69	46.15	67.93	53.90	51.57	52.46	57.10	62.06	47.55	60.68	601.98
	W	W	W	W	W	W	W	W	W	W	W	W

Inspected 13.6.21. 22.9. standing in small pile of stones within circular wire fence 6 ft high 8 ft in diameter. Near top of fairly flat moorland. Ground rises very slightly to W and falls slightly to E. The position is open exposed to S and S.W. and lies so to NW.
To be removed about 2 mi. E. Site rather more sheltered on W and further from the main S.W. slope. In a little dip near shooting butts. Little mound about 2 ft high 5 or 6 ft distant. A fair site. 3 ft to be at 1 ft and unsheltered in full.

Inspected 11.8.31 by Dr. Glasspoole - see green file.

Annual average rejected from survey

(Prior to 1923, being 1923-29)
Average recorded = 51.2.
Adapted for publication.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
1920			Risborough					
1925			Ripponden					

RAINFALL at Soyland Moor (Manshead)County of West RidingObserver C. Clemesha Smith, Esq., C.E.River Basin Ouse-Aire-Calder-S.Wakefield Corp. W.W.

Type of Gauge.....

Annual Average ~~45.2~~ ^{51.6} in. based on ~~30~~ ³⁷ years obs. un-weighted. Period of average ~~1881-1895~~ ¹⁸⁸¹⁻¹⁹¹⁵ Ref ~~5~~ ^{666310/26} 1.0.3

Diameter	.....	5.										
Height	.....	1.0.										
Altitude	.....	1225.										
Year	.....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals
January	.....	6.47	6.71	4.46	4.34	2.74	6.77	4.42	7.14	6.87	3.22	52.64
February	.....	7.78	4.0	4.71	5.6	8.42	3.28	7.08	2.69	6.17	2.52	43.61
March	.....	6.2	3.34	3.83	4.22	2.30	3.82	3.76	1.92	3.51	3.82	31.14
April	.....	4.26	5.42	2.20	3.09	4.64	1.91	3.42	.87	2.81	3.29	31.91
May	.....	3.50	5.60	2.59	3.94	.97	1.35	2.64	4.83	1.44	2.17	29.05
June	.....	7.46	1.13	3.37	2.83	5.90	5.19	3.14	6.03	3.71	1.12	39.93
July	.....	5.12	4.52	4.83	3.26	2.42	4.88	2.85	5.33	7.95	3.93	44.60
August	.....	5.86	2.12	1.71	4.19	2.03	2.84	2.78	5.29	2.97	2.54	32.33
September	.....	3.79	6.70	1.49	3.93	9.28	6.47	2.61	2.13	1.59	5.35	43.34
October	.....	3.47	8.94	5.72	6.34	11.96	6.55	2.66	12.60	3.44	5.89	67.27
November	.....	9.79	4.34	2.24	2.63	7.87	7.69	2.67	7.74	8.45	8.72	62.14
December	.....	3.25	2.86	0.64	6.77	3.79	6.39	4.18	7.00	3.85	4.74	43.47
TOTALS	.....	61.38	52.08	37.29	46.10	62.32	57.14	42.71	63.62	52.48	47.31	522.43
		W.	W.	W.	W.	W.	W.	W.	W.	W.	W.	

1940 Jan amended by observer.

~~Annual average rejected from survey.~~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. 3222 T.F.

RAINFALL at Soyland Moss (Manshead)

41

County of West Riding Observer Wakefield Glyn W.W.River Basin Dun-Aire-Balder-8

Type of Gauge.....

Annual Average 51.6 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S.
(1939)File No. 6663.10/26

Diameter	...	5"		077	737							
Height	...	1' 0"			1							
Altitude	...	1226'			41							
Year	...	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	...	2.90	6.43	6.31	8.41	4.89	5.59	3.44	10.99	3.12	3.63	55.71
February	...	8.39	2.51	4.54	2.51	6.16	6.99	4.00	4.14	4.14	6.88	50.26
March	...	5.49	2.34	1.84	57	1.36	1.91	(7.10)	2.51	1.84	3.27	28.26
April	...	2.93	2.57	3.00	3.98	3.25	2.10	5.06	2.87	4.81	4.77	35.40
May	...	2.79	4.76	3.28	4.12	5.10	2.08	3.80	1.36	4.85	2.87	34.71
June	...	1.00	1.70	4.11	4.12	5.38	4.45	3.29	5.47	84	2.63	32.99
July	...	1.64	4.77	3.13	4.43	2.73	4.85	3.55	3.14	2.98	4.63	35.85
August	...	7.94	5.74	6.62	3.84	4.23	6.39	4.40	5.17	3.21	6.28	49.82
September	...	.87	3.10	5.06	6.70	2.93	6.68	3.51	3.57	1.19	8.12	41.73
October	...	5.90	6.97	3.76	4.92	6.79	1.31	1.39	3.21	6.39	3.16	43.80
November	...	3.95	1.51	4.00	8.81	69	9.40	7.04	2.33	4.36	6.44	51.53
December	...	2.95	4.45	2.79	5.00	3.26	4.09	4.95	5.21	9.38	3.63	45.71
TOTALS	...	46.75	46.85	48.44	57.41	46.77	55.84	47.53	49.97	50.20	56.01	505.77

Original Station 21.4.43 Temp. gauge fitted while old is repaired. Outer case began repair.
1947. max. pane used for snow

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. 3222 *T.F. 43*RAINFALL at Layland Moor (Hanshead)

51

County of West Riding - Yorks Observer Wakefield Gas Co. W.W.River Basin Ouse - Aire Calder &

Type of Gauge

Annual Average 51.6 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S." " 52.12 " " 25 " " within 1916-57 " " 1916-50 5File No. 666310/26

Diameter ...	5"			077	737							
Height ...	1'0"				1							
Altitude ...	1225'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	6.40	(4.86)	2.39	5.09	3.70	5.99	5.47	5.09	4.27	5.77	49.03	
February ...	3.91	(1.65)	3.03	4.82	2.95	1.91	3.56	7.67	.78	4.24	34.52	
March ...	6.11	3.26	2.87	3.82	3.04	2.05	4.45	2.67	2.49	1.92	32.68	
April ...	2.99	(3.65)	4.24	.95	2.66	3.30	.63	1.55	4.77	3.56	28.30	
May ...	3.45	1.84	3.96	3.89	4.30	1.88	2.16	5.80	2.76	2.54	32.56	
June ...	1.31	4.17	3.14	3.88	3.67	3.90	2.65	6.49	2.40	1.93	33.54	
July ...	4.18	2.73	7.68	6.48	1.10	8.90	5.99	5.90	3.72	8.41	55.09	
August ...	6.30	5.85	6.15	8.44	1.48	12.27	7.24	6.68	.57	6.02	61.00	
September ...	2.97	4.49	4.07	7.59	3.77	5.97	6.44	6.32	.65	3.39	45.04	
October ...	1.77	6.64	3.08	10.20	3.33	3.40	8.05	5.59	5.06	5.73	52.85	
November ...	10.74	3.17	6.34	8.15	3.25	2.07	3.82	2.29	(5.60)	8.77	54.20	
December ...	9.75	4.72	2.55	9.58	7.30	5.04	6.59	5.82	8.54	6.14	66.03	
TOTALS ...	59.88	47.03	49.50	72.85	40.55	56.08	57.05	61.87	41.61	58.42	544.84	
	W	W	W	W	W	W	W	W	W	W		

Some remarks to account for low total 1952. Gauge nearly new & in good condition.
 1952. Jan Feb adj. M03b. April est M03b gauge stolen.

1954 at Pleasantdale W. W. in response to S.E. wind, good NW, rather poor N.W.

1956 Jan Feb. adj'd M03

1959:- Nov 24 M03b,

64004

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SP 44 44.148

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 - Rejected

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