

RAINFALL at Ilkley, Spence's Garden. *Thief wire (Ilkley Eng. Co.)*County of York. West Riding.Observer Ilkley. U. D. C.River Basin Ouse - Wharfe. 10.*Hatfield Co.*
G. A. Wall Esq 1918Ilkley Rain Gauge, by Pastorelli & Rapkin Ltd.

Diameter ...				5								
Height				1" 0								
Altitude ...				314								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1919-20 Means	Totals
January ...				4.40	2.87	5.00	3.00	3.36	3.99	4.62		14.97
February ...				1.31	2.74	5.40	5.10	.92	4.52	2.09		12.63
March				4.45	4.11	.92	3.87	3.63	2.57	4.67		14.74
April				3.51	1.24	1.59	2.24	2.10	2.16	1.94		8.49
May				3.20	1.40	1.65	2.09	2.50	4.09	1.98		10.66
June				1.79	2.62	1.08	1.98	1.54	1.12	.91		5.55
July70	1.46	4.26	2.39	1.52	3.90	5.00		9.81
August				1.30	1.12	3.79	2.08	8.56	2.82	2.19		15.65
September ..				1.36	1.65	.87	1.98	1.88	8.46	.94		13.26
October ...				1.97	2.48	1.50	7.44	4.60	2.95	2.42		17.41
November ..				3.19	5.76	2.19	3.68	4.98	1.42	2.50		12.58
December...				2.45	7.86	6.95	2.61	2.58	6.56	4.96		16.71
TOTALS ...				29.63	35.37	35.20	38.46	38.17	44.56	31.27		152.46

Rainings 4 ft. high ^{9"} 5 ft. all round. 1913 recd. 6. V. 15 and 15. IX. 15.1914. Note — Press cuttings from the Ilkley Gazette give May 1.34 & July 2.82.
These figures may be from 2nd gauge

1918 House 20 ft. 30 yds S.W.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1913	53° 57' ^{51"}	1° 58'	Ilkley	$\frac{1}{4}$ m	E	Ilkley P.	$\frac{1}{4}$ m	E.N.E.
1918	53° 55' 25"	1° 49' 45" W						

RAINFALL at *Ilkley Spence's Garden*County of *W. Yorks*Observer *F. A. Maile Esq.*River Basin *Ouse - Wharfe 10**James Samuel Esq. (1921)**Snowdon* Rain Gauge, by *Castorelli & Rophin* Surveyor *Ilkley, W.D.C.*

Diameter ...	5													
Height	1.0													
Altitude ...	314					316	314							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 M.D.S.	1920-30 Totals		
January ...	4.47	6.31	4.36	2.93	2.67	4.09	3.89	3.45	7.63	2.36	6.11	48.27		
February ...	2.55	3.0	4.28	7.22	1.27	6.62	3.07	1.52	4.84	.96	1.03	33.66		
March	2.68	2.18	2.80	2.30	1.45	1.12	1.83	3.75	5.19	.22	2.77	24.34		
April	4.31	1.54	3.27	3.19	2.08	3.48	2.12	3.16	1.11	1.31	4.69	30.26		
May	2.87	2.10	.94	3.99	5.21	5.22	4.08	1.42	1.61	2.31	2.31	32.06		
June	1.78	.12	1.84	.69	2.63	.00	3.07	3.26	5.03	1.05	2.15	21.62		
July	6.20	2.38	4.53	3.53	4.85	1.31	2.34	3.93	1.09	2.59	5.25	38.05		
August	1.89	4.23	4.23	4.94	3.27	3.49	3.95	7.54	4.25	2.89	4.00	44.68		
September...	1.59	1.10	4.35	4.14	3.63	2.78	2.06	4.29	0.73	.70	4.27	29.73		
October	3.45	2.56	.88	5.24	3.66	4.07	5.01	3.76	5.52	4.25	3.98	42.38		
November...	1.97	2.96	1.97	4.99	2.04	2.70	7.21	3.52	5.26	5.90	4.38	43.46		
December...	3.65	4.51	3.85	3.26	4.20	4.66	1.35	2.74	2.20	9.68	3.41	43.51		
TOTALS...	37.41	30.38	37.30	46.47	37.46	39.54	39.98	42.39	42.46	34.22	44.35	431.96		

1920 House 20 ft. high 30 yds S.W.

Snow Railing 4' 9" 2' 6" W.

1924 Snowdon Cabin (in addition) 5' 1" high 4' 6" N.E.

1922 New g. 36 ft. S.W.

1928 Snow Railing 5 ft. high 4 ft. S.

(But 10" " 12" N

Position of Station on reduced Ordnance Survey }
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53° 55' 26"	1° 49' 44"	Ilkley	600 yds	E	All Saints	500 yds	N.E.

RAINFALL at Ilkley (Spence's Garden) M.W.R.County of West Riding Observer Surveyor, V.D.C.River Basin Ouse Wharfe-10 The Engineer SurveyorType of Gauge GaugerAnnual Average 35.1 in. based on 15 years obs. un-weighted. Period of average 1931-1945 Ref 5

Diameter	5"					5"						
Height	1.0					1.0"						
Altitude	314					315						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means TOTAL	
January	2.92	2.83	1.78	3.34	1.70	5.00	4.26	4.84	5.42	2.16	34.25	
February	4.24	3.0	5.79	2.6	5.13	2.86	6.56	1.65	4.50	2.07	33.36	
March	4.8	2.57	2.17	3.73	1.36	2.66	3.34	1.67	2.36	2.58	21.92	
April	3.69	3.20	1.89	3.77	3.41	1.35	3.27	1.40	1.79	3.64	26.41	
May	3.53	3.62	3.30	2.11	1.40	1.62	2.87	3.67	1.19	1.64	23.97	
June	6.87	1.19	12.21	2.16	3.31	3.89	3.60	4.82	2.44	1.47	30.96	
July	3.41	3.74	1.84	1.71	.98	4.43	2.23	3.98	6.55	4.70	33.57	
August	4.20	.97	0.40	2.75	1.80	2.35	1.39	3.92	1.04	1.00	19.82	
September	3.76	3.43	1.48	2.29	5.82	2.83	1.52	1.46	1.37	2.48	26.44	
October	1.48	5.20	3.99	3.46	7.32	3.20	2.61	6.38	3.43	3.55	40.62	
November	6.55	2.02	3.20	1.91	6.19	4.38	1.57	4.62	6.02	5.66	42.14	
December	1.50	1.22	0.62	5.95	3.81	4.25	2.63	5.24	2.71	2.93	30.92	
TOTALS	42.63	30.33	28.67	33.44	42.23	38.82	35.85	41.65	38.88	31.88	364.38	
	D	D	D	D	D	D	D	D	D	D	D	

1931. W.I. Railings 5' high 4' S
Wooden Hut 10' " 12' N

1935. Inspected 8/10/35. Gauge satisfactory Screen 5ft high 8ft 1/2 N.

1936. Inspected 10.6.36. No change.

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	Direction from gauge
1931			Ilkley	1600ft	E	Ilkley.	1400ft	NE

RAINFALL at Eltham (Spence's Garden) Station No. 3318 M.W.R. **41**
 County of Yorks W.R. Observer The Engineer R. Burroughs
 River Basin Don - Wharfe - 10
 Type of Gauge Snoddon

Annual Average .35 in. based on 18 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. E 704/48

Diameter	5"		062	603							
Height	1' 0"			1							
Altitude	315'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	3.46	6.70	4.68	5.07	3.51	3.82	3.61	8.41	2.11	1.99	43.35
February	4.86	1.66	2.53	1.53	4.35	4.31	3.68	2.48	2.43	7.60	35.43
March	4.11	2.72	.88	.46	.98	1.19	6.46	1.73	1.20	1.58	21.31
April	2.03	1.45	1.82	4.12	2.48	1.29	3.23	2.28	2.56	3.72	24.98
May	2.09	2.79	2.96	2.07	3.33	2.27	3.39	1.41	2.33	2.22	24.86
June	.22	1.54	2.78	2.28	3.62	2.30	3.13	3.36	.70	1.07	21.00
July	2.83	2.78	1.69	3.80	2.20	3.75	1.98	1.13	2.84	3.54	26.24
August	5.75	2.90	4.45	2.72	4.01	6.00	.39	3.84	2.53	6.29	38.88
September	.58	2.19	4.99	5.93	2.09	6.74	2.24	2.39	.99	4.89	33.03
October	5.46	3.85	2.78	3.79	5.06	1.37	1.28	1.65	4.12	2.49	31.87
November	3.24	1.59	2.85	6.42	.36	5.70	4.29	1.60	5.77	4.24	36.09
December	1.49	3.15	2.34	4.85	2.23	3.25	3.63	3.69	6.36	2.34	33.33
TOTALS	35.86 D	33.32 D	34.75 D	43.04 D	34.22 D	41.99 D	37.31 D	33.97 D	33.94 D	41.97 D	370.37

1950 inspected R.T. Zobel 24/10/50. Gauge defective - new one recommended.

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.	Direction from gauge.

Station No. 3318RAINFALL at Elkley (Spence's Garden) M. W. R.

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County of West Riding Yorks. Observer The Engineer & SurveyorRiver Basin Duke of YorksType of Gauge SnoddenAnnual Average 35.1 in. based on 18 years obs. un-weighted. Period of average 1881-1915 Ref. S37.69 " " 35 " " 1916-1950File No. 2704/15 P

Diameter ...	5"		062	603								
Height ...	1'0"			1								
Altitude ...	315'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
											Total	
January ...	3.62	5.06	.68	2.91	1.73	4.75	2.71	2.87	3.17	4.43	31.93	
February ...	3.91	1.01	2.46	2.85	3.07	2.22	3.16	6.30	.25	2.28	27.51	
March ...	3.92	2.02	1.19	1.99	2.13	1.42	2.04	1.67	1.46	1.70	19.54	
April ...	1.55	2.06	2.62	.53	1.02	2.79	.31	.80	3.56	1.28	16.52	
May ...	3.77	2.51	1.40	4.87	3.42	1.13	1.43	4.32	.79	2.01	25.65	
June ...	1.19	2.13	2.12	2.37	1.93	2.48	1.87	4.53	1.03	0.89	20.54	
July ...	1.88	1.65	3.47	1.71	.88	4.55	2.22	3.50	2.42	4.75	27.03	
August ...	4.43	4.81	3.84	6.73	1.17	6.94	3.91	2.97	.60	2.98	38.38	
September ...	2.34	3.40	3.12	3.11	1.46	4.43	5.69	3.92	.04	2.60	30.11	
October ...	1.04	3.71	2.05	5.25	2.79	1.70	3.25	2.64	3.42	4.56	30.41	
November ...	8.33	1.55	3.76	5.23	2.03	.71	1.81	1.08	4.16	5.88	34.54	
December ...	5.87	3.01	1.73	4.67	4.74	3.74	4.25	4.85	6.68	4.13	43.67	
TOTALS ...	41.85	32.92	28.44	42.22	26.37	36.86	32.65	39.45	27.58	37.49	345.83	
	D	D	D	D	D	D	D	D	D	D		

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 55(44) 113 476

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	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
	C 1913	✓	✓	✓	
	✓ 1913-18	✓	✓	✓	