

RAINFALL AT Weardale W.W. Waskerley 2
Sheld Green
Durham.

Observer R. Ackwith Esq.

Rain { By
Gauge
Diameter 9 in. Height above Ground, 4 ft... 4½ in. Above Mean Sea Level 1366 ft. 71

YEAR.....	1866	1867	1868	1869	MEANS.
January.....	2.24	2.71	3.04	3.80	
February.....	2.41	1.50	2.29	3.26	
March.....	1.38	1.46	1.78	1.19	
April.....	2.43	3.64	2.98	1.88	
May	1.09	2.08	1.10	4.65	
June	2.82	1.34	.63	1.48	
July	4.12	4.77	.78	.37	
August	4.94	1.83	3.08	1.36	
September.....	4.92	1.94	5.91	5.28	
October	1.20	1.49	1.74	1.91	
November.....	2.33	.66	3.46	2.39	
December.....	2.26	1.48	6.24	3.24	
TOTALS	32.14	24.90	33.03	30.81	

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RAINFALL AT Weardale W.W. Walkerley 2
Shield Green

Lat.

Long.

County of Durham

Rain Gauge, by

Observer R. Ackwith Esq.

Diameter.....	8									
Height.....	4.39 4 5									
Altitude.....	1366 1367									
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	MEANS.
January.....	1.98		3.87	1.60	1.24	2.75	.81	5.61	3.26	1.02
February.....	1.52	5.54	3.64	1.58	1.80	.50	2.81	2.43	1.05	1.06
March.....	.68	1.01	1.58	1.67	1.01	.72	2.91	3.43	.87	1.11
April72	2.49	3.79	.83	1.67	1.15	3.22	5.30	3.13	3.02
May.....	1.45	1.46	2.11	2.70	2.49	1.39	1.90	3.08	5.62	1.86
June	1.71	3.07	2.85	1.04	1.69	2.15	3.22	1.78	2.63	4.81
July.....	.98	2.09	4.23	1.20	1.35	5.79	1.64	5.02	1.08	6.55
August	2.35	2.00	2.98	1.67	3.12	3.32	1.46	8.13	6.11	4.74
September....	1.53	4.56	3.52	2.42	2.16	3.52	5.42	1.72	2.80	1.49
October.....	5.91	5.14	7.12	2.25	2.62	5.51	1.65	3.09	2.29	1.41
November....	1.53	1.69	4.09	2.26	1.21	3.92	3.36	2.40	5.15	1.36
December....	3.10	1.52	5.26	.81	2.15	2.39	7.21	1.77	1.74	.65
TOTALS	23.48	30.57	45.04	20.03	22.57	33.11	35.61	43.76	35.73	29.08
										31.892

1871 Jan. 7 gauge frozen

1872 Falls impassable twice in March which must therefore be taken with April.

**RAINFALL AT WARDALE W.H. WADDERLEY 2
Shield Green.**

Lat.

Lon.

County of Durham

Rain Gauge, by Observer R. Ackworth Esq.

Wear 2

Diameter	8										
Height	4.46	4	5								
Altitude	1366.7	1367									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	.73		1.16	2.55	4.12	1.86	1.10	.77	.56	.60	
February	3.09	6.10	.76	3.87	2.00	1.40		.72	.54	.47	
March	1.74	4.07	3.37	(2.35)	1.11	1.61		1.53	1.68	1.79	
April	3.31	.72	5.60	1.76	3.02	2.97	2.20	.82	1.66	2.29	
May	1.74	2.06	1.39	2.21	1.34	3.88	1.37	2.22	1.05	2.12	
June	4.85	2.92	3.44	3.13	.72	1.49	3.20	.75	1.47	.57	
July	6.22	2.97	3.15	4.17	5.19	1.66	4.21	1.09	6.56	2.67	
August	2.16	8.91	3.11	2.35	1.55	3.42	2.44	2.28	1.50	3.86	
September	5.79	6.71	2.45	4.42	2.12	2.94	2.67	2.30	1.17	.54	
October	3.39	7.15	3.00	4.43	2.00	3.78	6.57	2.76	1.47	4.80	
November	3.03	3.33	5.29	1.36	1.55	1.11	6.10	3.95	7.03	1.20	
December	2.25	3.52	4.20	1.36	.75	2.18	1.81	2.07	1.61	1.32	
TOTALS	38.30	(48.46)	36.89	(33.96)	25.47	28.30	35.80	21.26	26.30	22.23	(31.697)

1881 Gauge frozen up in Jan? and Feb? Amount computed by differentiation from Wolsingham, Ushaw, Allenheads & Shotton Park

1883 March. Amount computed by differentiation from Wolsingham, Ushaw, Allenheads & Shotton Park

N.B. annual values rejected from Survey Map, 1929.

RAINFALL AT Weardale W.W. Wastenley 2

Lat.

Lon.

County of Durham

Rain Gauge, by

Observer R. Astwith Esq. C.E.

Wear 2

Diameter	8										
Height	45										
Altitude	1367 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.18	3.60	1.00	.74	1.78 (6.22)	.85	2.04	1.51	4.74	2.56	
February97	.21	1.83	3.71	4.00 (2.04)	.74	1.48	1.92	1.57	1.84	
March	2.22	1.15	.71	1.82	1.34 (2.94)	3.08	5.25	2.46	1.09	2.156	
April	1.66	2.09	1.35	.37	.96	1.83	1.41	2.03	1.47	3.55	1.672
May	1.95	2.70	1.95	2.52	3.22	1.44	.61	.42	3.25	4.39	2.245
June	1.76	.21	5.97	1.68	3.97	.50	2.30	4.99	1.83	.93	2.414
July	3.55	5.98	1.67	3.14	2.14	7.89	2.55	.69	.61	4.10	3.232
August	5.75	5.32	4.79	2.79	2.92	2.40	2.49	2.88	3.13	.94	3.341
September	1.27	3.90	2.67	1.72	1.46	.38	4.27	3.14	.17	3.04	2.202
October	2.24	3.59	6.58	1.29	5.96	4.25	5.80	2.09	6.48	2.81	4.109
November	2.77	2.52	3.14	2.56	1.77	3.97	3.28	1.45	3.35	3.17	2.798
December	3.60	4.76	1.04	2.62	2.30	2.89	4.57	4.40	3.03	3.11	3.232
TOTALS	30.92	3603	32.70	24.46	31.82 (6.75)	31.95	30.86	29.21	33.44 (31.814)		

N.B. Annual values rejected from Survey Map, 1929.

Shield Green

RAINFALL AT Waskerley W.W. Waskerley 2

Lat. Lon. County of Durham
 no inner case Copper Slatisher Rain Gauge, by N.T Z
 wear - 2. W.H. Observer R. Askwith Esq. CL
 depth 8.02, 8.02, 8.10, 7.88.

Diameter ..	8											
Height ..	3 - 8	H.W.										
Altitude ..	45											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	4.25	1.01	.89	2.81	(2.46)	.49	2.58	.39	1.35	.84	1707	
February ..	5.12	.78	.72	2.31	(2.43)	.47	.82	1.45	1.18	1.37	1665	
March	1.23	1.24	.41	3.10	2.03	2.91	1.32	1.25	4.83	3.19	2151	
April.....	1.52	1.70	2.17	1.60	1.55	1.85	1.35	2.01	2.98	1.99	1872	
May	1.54	2.02	2.14	3.56	1.90	1.45	5.03	3.27	2.85	1.96	2572	
June	3.95	2.17	2.93	1.94	3.34	1.84	1.03	3.85	.97	3.57	2559	
July	1.12	2.64	3.55	5.64	1.71	.52	.65	2.39	2.61	1.94	2277	
August	6.76	2.45	1.83	2.28	3.49	4.21	3.87	1.76	.91	3.12	3068	
September..	.75	1.54	.82	4.03	.65	2.54	1.23	.45	3.64	3.69	1934	
October....	5.41	2.93	3.69	9.41	1.05	2.71	4.72	5.89	2.63	2.46	4090	
November ..	3.77	4.45	1.53	1.44	(2.44)	4.36	3.68	2.81	1.73	.44	2665	
December ..	2.54	1.23	3.34	2.02	1.39	1.88	1.57	4.26	.78	2.11	2112	
TOTALS ..	37.96	24.16	24.02	40.14	(24.44)	25.23	27.85	29.79	26.46	26.68	28.67	24.5

✓ H.W.

1904 Jan Feb + Mar One inch added french month for Snow

+ 2. xi 1900 H.W. Perfect position on nearly level ground

N.B. annual values rejected from Survey Map. 1929.

RAINFALL at Weardale Waterworks Warkley 2

County of Durham

Observer

R. Askwith Esq.

H. Robinson Esq. 1918.

River Basin

Wear 2

Rain Gauge, by

Weekly

Diameter ...	8										
Height	4.5										
Altitude ...	1067 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.08	1.15	.45		1.62	1.81	2.72	.20	2.18	1.82	
February ...	2.60	1.51	4.45	3.92	1.98	2.64	1.82	1.62	2.75	3.89	
March	99	2.17	1.55	2.99	1.76	1.95	5.35	.52	.80	1.99	
April	2.94	.74	1.00	4.28	.95	.90		1.23	2.09	1.54	
May	1.93	1.72	2.72	2.41	1.57	1.13	4.42	2.27	1.90	1.50	
June.....	1.31	5.91	5.14	1.60	4.14	1.04	2.31	1.68	.46	.63	
July	3.67	.45	4.02	1.75	1.49	4.20	4.02	1.24	3.80	2.51	
August	5.85	3.22	7.06	.64	2.48	4.95	3.61	8.02	2.22	1.96	
September ..	.49	1.38	1.83	4.33	2.38	1.18	2.52	1.40	5.63	2.52	
October ...	3.17	4.00	4.10	4.51	1.22	.90	4.36	2.81	4.56	3.93	
November ...	3.18	3.89	1.03	1.83	5.42	1.00	2.98	1.58	1.94	5.34	
December ...	2.92	3.94	3.81	1.23	7.95	5.05	2.76	1.52	2.82	3.71	
TOTALS ...	29.63	30.08	37.16	29.39	32.96	26.75	36.87	24.11	31.15	29.73	

N.B. annual values rejected from Survey Map. 1929

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

RAINFALL at Scarsdale Water Works Waskerley 2

County of Durham Observer H. Robinson Esq. G.G.

River Basin Wear 2

Glaisher Rain Gauge, by _____

Weekly. → leaves IX-26.

Diameter ...	8									
Height	4.57									
Altitude ...	1367									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	MEANS.
January	2.40	4.64	2.16	.87	1.96	1.83	2.06			
February	2.29	4.40	1.82	3.81	.54	4.22	3.28			
March	2.67	1.53	.89	1.95	1.17	3.15	.97			
April	3.92	1.29	2.97	1.91	1.12	3.09	1.67			
May	3.81	1.69	1.18	2.36	5.58	5.38	1.71			
June97	.38	.94	.90	2.35	.40	5.44			
July	5.19	1.10	5.65	2.27	4.28	1.93	3.74			
August	1.97	6.82	3.34	5.00	2.20	3.49	2.77			
September...	1.64	1.04	4.85	3.32	4.50	3.63	4.55			
October.....	2.28	2.15	2.96	2.87	3.44	3.24	2.81			
November...	1.85	1.50	.93	3.66	2.11	2.01	5.26			
December...	3.48	3.26	4.83	1.37	4.26	3.24?	.92			
TOTALS...	32.47	25.60	32.52	30.29	33.51	35.61	35.18 W	NO	NO	4

Inspected 9/18/26. S. on open wood sloping down to S.E.,
with shelter of railway embankment to N.W. + ridge of hill to S.
Fairly good exposure if at one foot.

Probably T.

N.B. Annual values projected from Survey Map, 1929

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