

RAINFALL AT Weardale W.W. Waskerley 4th
Waskerley Park.

 Observer R. Ackwith Esq.
Durham

 Rain { By
 Gauge { Diameter 8 in. Height above Ground, 14 ft. 6 $\frac{1}{2}$ in. Above Mean Sea Level 132 ft. 53

YEAR.....	1866	1867	1868	1869	MEANS.
January.....	2.58	2.97	3.11	3.87	
February.....	2.59	1.48	2.33	3.72	
March.....	1.11	1.34	1.97	1.14	
April.....	2.40	3.61	2.81	1.80	
May	1.06	1.97	1.23	3.73	
June...	2.67	1.20	.58	1.46	
July.....	3.78	4.08	.65	.33	
August.....	4.67	1.93	3.03	1.33	
September.....	4.96	1.88	5.60	5.13	
October	1.33	1.53	1.81	1.87	
November.....	2.43	.59	3.13	2.65	
December.....	2.29	1.53	6.44	3.57	
TOTALS	32.17	24.11	32.69	30.60	

RAINFALL AT Weardale W.W. Waskerley Park

70

Lat.

Lon.

County of Durham

Rain Gauge, by

Observer R Ackworth Esq.

Diameter.....	8										
Height.....	4.63 4.7										
Altitude.....	1324.33 1321										
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.04		3.64	1.58	1.24	2.79	.98	5.48	2.81	.97	2.44
February.....	1.52	5.17	3.48	1.43	1.77	4.72	2.87	2.26	.83	.88	4.22
March.....	.62	.96	.64	1.64	1.02	.72	2.91	3.95	.66	.93	1.89
April74	2.32	4.50	.89	1.65	1.10	2.66	4.43	2.87	2.64	3.48
May.....	1.44	1.66	2.20	2.76	2.41	1.46	1.80	2.61	4.49	1.53	2.23
June	1.63	3.38	2.95	1.15	2.18	2.16	3.13	1.80	2.71	4.73	2.57
July.....	1.00	2.73	4.24	1.80	1.53	5.70	1.53	4.74	.95	5.12	2.93
August	2.15	2.04	2.88	1.74	3.08	3.49	1.39	7.52	5.83	4.87	3.49
September....	1.33	4.21	3.54	2.49	2.19	3.52	5.87	1.74	2.77	1.63	2.92
October.....	6.49	4.35	7.24	2.55	2.54	5.57	1.74	3.42	2.39	1.14	3.74
November....	1.60	1.49	4.64	2.40	1.21	3.79	3.43	2.44	4.44	1.00	2.64
December....	3.15	1.32	5.66	.96	2.15	2.50	6.70	1.53	1.63	.69	2.62
TOTALS....	23.68	29.58	45.61	21.39	22.97	33.27	35.01	41.92	32.38	26.13	31.194

1871 January Gauge frozen up.

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

**RAINFALL AT WARDALE WW. WASHERLEY &
WASHERLEY PARK**

Lat. Rain Gauge, by
 Lon. County of Darham
 Observer R. Achworth Esq.

Year 2

Diameter	8										
Height	4.62	4.7									
Altitude	1321.33	1321									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	4.5	1.48	2.67	4.70	1.43	1.12	.79	.65	.80		
February	3.23	5.60	.87	3.52	2.28	2.26		.82	.40	.55	
March	1.98	4.19	4.04	(2.40)	1.01	1.47	4.28	1.30	1.72	1.97	
April	3.19	.88	5.20	1.92	2.67	2.56	2.63	.80	1.90	2.94	
May	1.49	2.12	1.44	1.98	1.18	4.39	1.64	2.31	.92	2.08	
June	4.19	2.81	4.89	2.89	.98	2.24	3.57	.67	1.64	.52	
July	6.64	3.21	3.92	4.33	5.37	2.06	5.54	1.13	6.85	2.75	
August	2.24	7.74	3.23	2.38	1.58	3.76	2.15	2.37	1.64	3.95	
September	5.70	5.72	2.98	4.70	2.31	3.71	2.93	2.49	1.31	.42	
October	2.99	5.73	3.48	4.30	2.14	3.92	6.32	2.94	1.47	4.54	
November	2.92	4.09	6.25	1.53	1.87	1.28	5.44	3.14	7.09	1.12	
December	2.51	2.85	3.20	1.56	.92	2.37	1.84	2.14	1.72	1.51	
TOTALS	37.53	(44.94)	40.98	(34.18)	27.01	31.45	37.43	20.90	27.31	23.15	(32.482)

1881 January and February. Gauge frozen up. 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. Wastrelly 4
 Lat. _____ Lon. _____ County of Durham
 Rain Gauge, by Observer R. Ashworth Esq. C.S.

Wear 2

Diameter	8										
Height	47										
Altitude	1321 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.35	3.61	1.04	.63	1.77 (6.36)	.81	2.06	1.57	4.82	2.602	
February85	.26	1.80	3.82	4.10 (2.10)	.75	1.46	1.96	1.59	1.869	
March	2.03	1.20	.77	1.38	1.22 (3.01)	3.08	5.24	2.44	1.05	2.145	
April	1.55	2.29	1.35	.34	.90	1.80	1.36	2.07	1.40	3.55	1.661
May	1.81	2.39	1.94	2.13	3.22	1.48	.63	.47	3.28	4.35	2.170
June	1.63	.13	6.08	1.67	3.96	.58	2.84	5.02	1.79	.94	2.408
July	3.52	6.17	1.46	3.09	2.16	8.20	2.58	.71	.63	4.06	3.258
August	5.67	5.51	4.51	2.72	2.90	2.47	2.57	2.96	3.18	.96	3.345
September	1.30	3.94	2.83	1.55	1.41	.41	4.28	3.23	.16	3.06	2.217
October	2.20	3.94	5.74	1.32	5.83	4.38	5.82	2.13	6.42	2.80	4.058
November	2.81	2.40	2.96	2.24	1.80	3.95	3.29	1.51	3.44	3.20	2.760
December	3.61	14.86	.97	2.47	2.51	2.98	4.58	4.44	2.97	3.09	3.248
TOTALS	30.33	36.70	31.45	23.36	31.77 (37.67)	32.09	31.30	29.24	33.56	31.741	

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

RAINFALL AT Weardale W.W. (Tuckerley Park) 4

Lat.

Lon.

County of Durham

Rain Gauge, by

No. 1008

Observer R. Ackwith Esq. C.E.

Year - 2. Weekly

Diameter ..	8										
Height	4	7									
Altitude ..	1321	A									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	4.24	.98	.95	3.16	(2.47)	.48	2.61	.40	1.47	.91	1767
February ..	5.11	.77	.68	2.85	(2.18)	.47	.74	1.35	1.22	1.08	1645
March	1.27	1.18	.41	3.45	2.08	1.80	1.26	1.32	4.76	3.09	2162
April.....	1.54	1.61	2.24	1.78	1.71	1.58	1.24	1.84	2.70	2.05	1829
May	1.55	1.85	2.13	3.27	1.79	1.45	4.30	3.19	2.56	1.74	2383
June	3.86	2.27	2.66	1.70	2.92	1.06	.91	3.99	.99	3.16	2352
July	1.14	2.60	3.66	5.52	1.76	.59	.62	2.24	2.38	2.01	2252
August	6.76	2.50	1.92	2.56	3.29	4.31	3.85	1.71	.90	3.18	3098
September..	.77	1.92	.95	4.15	.70	2.57	1.12	.41	3.97	3.32	1988
October....	5.40	3.02	3.54	9.16	1.20	2.40	4.73	5.62	2.84	2.62	4053
November ..	3.82	4.23	1.71	1.34	(2.45)	4.22	3.35	2.85	1.82	.31	2610
December ..	2.65	1.07	3.58	1.93	1.50	1.81	1.63	4.49	.81	2.41	2188
TOTALS ..	38.11	24.00	24.43	40.87	(24.05)	23.74	26.36	29.41	26.42	25.88	28.32

Huk

1904 Jan Feb + Nov One inch added for each month for Snow

nitrogen.

+ 2 ~~1900~~ 1900 H.S.W. Open moorland position. Timber supports but no gauge - probably removed for repairs at recent date

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

RAINFALL at Weardale Water Works Waskerley 4

County of Durham
River Basin Wear 2Observer R. Ashworth Esq.
H. Robinson Sep. 1918

Rain Gauge, by _____

Weekly

Diameter ...	8										
Height	4	7									
Altitude ...	1321	ft									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.17	.99	.30	1.45	1.76	3.36	.22	2.12	1.59		
February ...	2.86	1.89	3.90	3.83	2.52	2.81	1.72	1.22	2.54	2.98	
March	1.12	1.85	1.74	2.89	1.73	1.46	4.68	.39	.70	1.90	
April	2.68	.61	.95	4.27	1.10	.82		1.27	1.98	1.41	
May	1.82	1.81	2.55	2.57	1.27	.95	3.56	2.11	1.85	1.88	
June	1.64	5.06	4.54	1.43	3.24	1.04	2.13	1.82	.41	.61	
July	3.46	.32	3.94	1.59	1.58	3.82	4.21	1.47	4.09	2.13	
August	5.64	3.04	6.47	.58	2.37	4.90	3.22	7.75	2.43	1.94	
September ..	.57	1.47	1.84	3.96	2.49	1.02	2.08	1.37	5.52	2.14	
October ...	2.63	4.06	3.99	4.11	1.27	.86	4.45	2.76	4.17	3.40	
November ...	2.80	3.77	.95	1.96	4.80	.99	2.52	1.67	1.67	4.50	
December ...	2.93	4.23	4.21	1.17	7.64	4.86	2.25	1.45	2.76	3.51	
TOTALS ...	29.32	29.10	35.38	28.36	31.26	25.29	34.18	23.50	30.24	27.19	

N.B. Annual values rejected from Survey leaf 1929

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

RAINFALL at Keardale Water Works Waskerley +

County of Durham _____ Observer H. Robinson Esq. C.E. _____

River Basin Wear 2 _____

Glasbrier Rain Gauge, by sundarman ix.26

Weekly

Diameter ...	8									MEANS.
Height	4.7									
Altitude ...	1321									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...	2.41	4.21	2.15	.93	2.05	2.04	1.95			
February ...	2.16	3.01	1.90	3.93	1.46	4.32	3.08			
March	2.76	1.31	.92	1.88	1.17	2.60	1.03			
April	3.69	1.17	2.62	1.70	1.21	3.15	1.90			
May	3.89	1.48	1.02	2.18	5.67	4.87	1.47			
June97	.29	.79	.87	2.03	.45	5.28			
July	4.23	.96	4.88	2.42	4.01	1.83	3.77			
August	1.76	6.80	3.08	5.37	2.11	3.40	2.80			
September...	1.33	1.05	4.18	3.25	4.71	3.56	4.03			
October.....	2.57	1.81	2.77	3.06	3.38	3.44	2.83			
November...	2.22	2.04	.71	3.52	2.22	2.13	5.40			
December ...	3.39	3.27	4.30	1.38	4.42	2.88?	.79			
TOTALS...	31.38	24.69	29.19	30.49	33.44	34.66	34.33	NO	NO	#

Inspected 28.9.1926 S. on open moor, rising to S + E and down bank slightly to E + N. Fairly good exposure if 1 ft.

Probably T.

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

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

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