

RAINFALL AT Ryton-on-Tyne *Balgowrie house*  
 Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Durham  
 Rain Gauge, by \_\_\_\_\_ Observer J.W. Smith Esq. M.D.

Ryton 3

Diameter .....			5								
Height .....			16								
Altitude .....											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....				·97	1.34	4.50	1.08	1.67	1.00	2.22	
February .....				2.33	(2.77)	1.35	·34	1.60	·50	.97	
March .....				1.98	·60	2.53	3.03	2.52	1.87		
April .....				·53	1.22	1.12	·77	1.41	2.07		{ 3.15
May .....				2.52	2.87	·70	·62	1.11	1.66	4.03	
June .....				1.84	3.36	2.67	2.34	2.76	2.98	1.30	
July .....				3.63	1.63	5.27	3.36	1.73	1.43	3.46	
August .....				3.52	3.45	3.15	1.90	2.29	1.88	·68	
September....				2.02	·91	·48	2.36	2.77	·47	2.00	
October.....				1.16	4.01	4.20	5.73	1.20	5.05	1.95	
November....				1.90	·79	2.27	1.55	1.10	3.24	1.37	
December....				1.31	1.04	1.74	4.71	1.93	1.09	3.46	
TOTALS .....				23.71	(23.49)	29.98	27.79	22.09	23.24	24.59	

1894 Feby 24th + 26th Gauge blown over amount computed.

## RAINFALL AT Ryton-on-Tyne Balgoonie House

Lat.

Lon.

County of Durham

Rain Gauge, by

Observer J.W. Smith Esq. M.A.

Type, lower - 3.

Diameter ..	5										
Height ..	16										
Altitude ..	...					258					
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.79	.95	.86	2.04	1.23	.34	2.26	.80	1.50	.75	1302
February ..	4.99	1.21	1.29	1.30	2.20	.56	.67	.70	.60	1.66	1518
March ..	1.03	1.84	1.06	1.18	1.25	1.21	1.24	1.07	1.33	1.67	1888
April ..	1.03	1.15	1.12	1.04	.94	2.44	.93	2.52	2.57	2.11	1585
May ..	1.48	1.91	2.11	3.33	2.07	.79	4.27	2.80	2.33	1.87	2296
June ..	4.02	1.26	1.54	3.44	1.86	1.21	1.78	3.38	.22	2.00	2071
July ..	2.22	3.00	2.78	3.76	1.89	2.18	1.75	1.56	3.11	1.47	2372
August ..	5.35	2.30	1.65	2.36	3.15	2.61	3.04	2.04	1.78	2.96	2724
September ..	.89	.89	.97	2.21	1.00	1.52	.52	.66	2.31	1.70	1267
October ..	6.04	1.94	2.11	7.01	.80	2.32	3.74	5.65	1.54	1.90	3305
November ..	3.39	4.88	1.59	1.59	2.50	4.08	3.06	2.02	1.15	.49	2475
December ..	1.94	2.04	3.05	2.33	1.65	.48	2.03	3.24	(.80)	3.94	2150
TOTALS ..	35.17	23.37	20.13	31.59	20.54	19.74	25.29	25.94	22.24	25.52	24050 345

D → → → D → → → D → → →

Hilby

1902 No observations between 22<sup>nd</sup> August & Sept 3<sup>rd</sup> when gauge at

Ryton-on-Tyne Station

1903 Dec corrected for snow.

Obs 8 am.

RAINFALL at Ryton-on-Tyne Balcombe HouseCounty of DurhamObserver J.W. Smith Esq. M.A.River Basin Tyne, Lower 3

Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	1.6						1.3		1.6		
Altitude ...	258										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.20	1.66	3.19	3.94	2.37	2.26	1.21	3.67	1.60	3.05	
February ...	2.86	.69	2.50	.52	1.32	2.16	2.98	.77	1.17	1.72	
March .....	.56	2.79	1.77	3.08	1.94	2.10	3.49	1.82	1.54	2.64	
April .....	2.15	1.39	.15	2.68	.65	.43	1.49	2.84	1.51	1.60	
May .....	2.10	1.02	2.37	2.34	1.13	1.84	2.10	2.41	2.20	1.13	
June.....	1.22	3.91	5.03	1.04	4.30	.50	2.41	1.76	.64	1.33	
July .....	2.90	.81	3.94	.81	2.56	2.95	3.00	1.26	4.16	1.60	
August.....	2.66	2.70	6.20	1.92	1.84	2.76	3.53	8.79	1.67	2.50	
September ..	.71	2.67	2.52	3.93	1.64	1.89	1.41	2.06	5.37	1.23	
October ...	2.64	2.41	2.93	2.62	1.91	1.19	3.50	2.50	2.38	4.94	
November ..	3.14	3.35	1.58	1.33	3.91	1.64	2.68	1.03	1.34	3.07	
December...	2.05	3.40	1.73	.65	3.80	5.94	4.21	2.03	2.87	2.20	
TOTALS ...	25.19	26.80	33.89	24.86	27.37	25.50	32.67	30.96	26.45	27.01	

1910 March gauge moved 12.76 W  
1912 Home 3 Story 20.76 E

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Ryton	1/2 mi	N	Ryton		

RAINFALL at Rylton-on-Tyne Balgowrie HouseCounty of DurhamObserver J.W. Smith Esq. M.D. alias xi/22River Basin Tyne Lower 3Andrew Smith Esq. M.D.Rain Gauge, by

Diameter ...	2	5									
Height .....	1	3	1	2	1	3					
Altitude ...	258										MEANS.
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January ...	2.86	4.70	2.82	1.06	1.89	1.66	2.31	1.73	2.52	1.97	
February ...	.79	1.11	2.85	3.66	1.18	2.89	2.92	.56	1.27	1.23	
March .....	3.01	1.06	1.70	1.65	.79	2.04	1.94	2.55	2.79	.70	
April .....	3.04	1.12	2.03	2.24	1.78	2.20	1.32	2.11	.67	1.59	
May .....	3.46	1.61	.88	2.38	5.42	2.98	2.95	1.73	1.40	1.13	
June .....	.86	5.2	1.35	.99	1.94	.05	3.42	3.90	4.03	1.42	
July .....	3.41	1.49	4.79	2.48	7.24	2.04	4.03	3.66	1.59	2.71	
August .....	1.46	6.81	2.49	4.41	2.69	6.18	2.56	6.42	3.44	3.47	
September...	2.10	1.30	3.98	2.04	2.83	3.57	2.85	4.34	1.18	1.13	
October.....	1.84	1.82	1.80	1.98	3.54	2.23	3.09	1.62	2.79	1.99	
November...	1.10	2.36	.87	3.86	1.02	2.56	3.26	2.98	2.49	2.67	
December ...	3.78	1.37	3.46	2.35	2.31	4.54	.77	4.35	1.66	3.19	
TOTALS...	27.71	34.47	28.99	29.10	32.83	34.00	30.42	35.85	25.83	23.20	# f 708685/26

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	Parish Church.	Distance from gauge	Direction
			Rylton	1/6 mi	N	Rylton		