

Rainfall at *Wray Castle**Ja^d. Paisley**Ans return*

Diameter of Gauge, in.

Height above Ground, *4* ft. *6* in.Above Mean Sea Level, *220* ft.

YEAR - -										1849	MEANS.
January - -											
February - -											
March - - -											
April - - -											
May - - -											
June - - -											
July - - -											
August - -										<i>5.08</i>	
September -										<i>3.68</i>	
October - -										<i>10.07</i>	
November -										<i>8.41</i>	
December -										<i>4.63</i>	
TOTALS -											

C

Wray Castle

Jas Paisley

Mrs. Nelson

+ Ground B.S.

+ Sea Level 220 feet

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -	5.53	13.74	15.32	10.87	8.42	1.38	6.43	6.50	5.32	10.70	8.421
February - -	11.27	6.98	10.07	2.27	4.12	1.94	6.31	5.35	.82	5.97	5.510
March - - -	1.69	4.71	.40	2.55	4.08	4.38	.86	5.01	3.83	7.98	3.549
April - - -	5.69	2.93	1.38	4.38	1.23	2.99	2.51	2.68	4.33	5.35	3.347
May - - - -	3.58	1.74	4.85	.70	3.51	1.81	3.56	3.07	3.23	.32	2.637
June - - - -	3.07	6.11	6.20	2.91	4.90	2.80	5.43	3.49	2.05	2.11	3.907
July - - - -	4.92	6.69	4.66	6.91	2.80	5.46	2.47	3.53	5.56	2.12	4.512
August - - -	8.07	5.05	7.71	4.39	5.68	5.64	6.13	2.34	4.74	5.61	5.536
September -	3.08	2.73	2.41	4.67	4.30	1.33	3.95	3.74	7.17	9.23	4.261
October - -	5.67	8.87	4.47	7.55	6.39	8.97	4.03	4.50	6.74	4.86	6.205
November -	9.67	2.10	9.63	6.96	5.83	3.30	1.61	3.86	3.30	6.32	5.258
December -	7.80	4.25	10.65	.41	12.16	3.56	8.58	6.55	7.05	7.63	7.664
TOTALS -	70.04	65.90	85.75	54.57	63.42	43.56	51.27	50.62	54.14	62.20	60.807

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Wray Castle
Windermere

James Paisley

4.6 64

220 61
260 64
270 62

+ Ground 4 ft 9 in 5 + Sea Level 250 ft 5

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	10.07	6.08	7.90	9.11	7.28	7.15					
February - -	3.40	0.11	1.39	4.34	5.13	3.92					
March - - -	0.12	9.96	5.78	2.83	5.57	2.61					
April - - -	2.24	1.64	7.55	4.92	1.96	1.06					
May - - - -	4.34	1.29	4.77	4.90	2.35	0.35					
June - - - -	7.28	3.68	5.91	4.73	4.20	.51					
July - - - -	1.89	0.76	6.70	1.20	3.98	2.97					
August - - -	7.69	9.53	4.00	3.44	3.53	6.93					
September -	2.30	7.88	3.00	9.67	7.59	2.32					
October - -	11.79	4.37	14.45	6.80	3.49	7.85					
November -	3.81	14.44	2.77	7.89	7.26	6.24					
December -	5.14	5.17	10.50	6.51	8.72	5.00					
TOTALS -	69.45	30.91	74.72	63.34	61.06	54.91					

1865 Feb given as 5.92 in imp. M.S. return from W. Paisley
1860 - agrees with ppt by S. Marshall

RAINFALL at HIGH WRAY (WRAY CASTLE)

County of North LANCASHIRE

Observer Freshwater Biological Assoc.

River Basin 2 - Leven & c.

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref. 732298/38

Diameter								5"			
Height								1'			
Altitude								195'	202.1	202	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January								(11.50)	10.82	4.47	
February								(4.00)	9.54	2.58	
March								4.68	5.08	8.09	
April								9.2	2.97	3.05	
May								6.05	1.09	1.12	
June								8.29	4.53	.77	
July								10.34	9.10	6.54	
August								4.33	2.68	2.20	
September								4.12	4.17	6.66	
October								18.52	3.54	8.42	
November								12.73	13.66	9.03	
December								7.30	4.64	10.11	
TOTALS								(92.79)	71.32	63.04	
								d	d	d	

1938. Larch fence 3ft 6in - 8ft all round. Tree 40ft - 40yds W.S.W.
" Jan. 20. Tele. cord by main station

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.
1938.			Widdermere	2 3/8 m	E.S.E	Wray	1/2 m S.S.W.

Station No. 3032/5

RAINFALL at High Wray (Wray Easton)

41

County of North Lancashire Observer Freshwater Biological Assoc.

River Basin Leven: C. 2

Type of Gauge M.O.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. 722298/38

Diameter	5"		587	205							
Height	1'0"			1							
Altitude	202'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.02	9.83	14.47	11.01	6.23	10.97	8.45	13.05	6.07	5.13	
February	6.91	2.51	5.38	3.84	9.43	6.42	1.19	6.90	7.51	8.84	
March	4.22	5.61	2.68	1.12	5.15	3.59	9.47	6.07	3.21	4.91	
April	2.15	4.00	4.98	5.31	3.51	1.70	9.02	3.40	8.83	5.60	
May	4.24	5.36	7.01	3.85	6.02	1.53	4.40	2.44	4.08	2.04	
June	.64	.91	4.77	5.81	5.29	6.50	4.47	8.42	1.25	3.12	
July	2.08	4.55	6.20	4.01	4.67	5.40	3.89	3.16	3.37	6.01	
August	8.55	6.41	11.74	4.83	2.52	6.94	.33	8.30	3.94	9.69	
September	1.89	7.25	7.36	8.82	7.00	13.63	5.60	8.90	1.82	14.61	
October	6.48	8.77	9.21	7.93	9.04	.69	1.32	6.34	9.14	7.24	
November	6.23	2.12	4.86	12.35	.37	12.82	13.30	7.19	12.36	7.16	
December	4.74	3.27	3.71	3.75	4.73	9.45	4.43	8.19	14.97	3.44	
TOTALS	54.15 D	67.59 d	82.37 d	78.63 d	64.16 d	79.64 d	65.87 d	81.36 d	76.55 d	77.79 d	

Gauge moved to En. 3027/9 in 1951.

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

No. of Map.....

Reference No. N(35) 375609

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

BRITISH RAINFALL ORGANIZATION