

# RAINFALL AT

Whitehaven Scragill Reservoir

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of

Cumberland

M.O. \_\_\_\_\_

Rain Gauge, by

Nº 3

Observer

E. E. Stiven Esq. C.E.

W. coast stream - 3.

Diameter ...									8		
Height .....									10		
Altitude ...									188 ft		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									3.76	2.52	
February ...									1.98	2.03	
March .....									3.59	4.04	
April .....									1.92	3.60	
May .....									2.78	2.33	
June .....									2.45	3.25	
July .....									3.89	6.23	
August .....									3.82	2.46	
September ..									5.24	3.84	
October ...									2.05	9.80	
November ..									3.44	1.43	
December ...									4.09	7.09	
TOTALS ...									39.01	48.12	

1908 Hensingham Church 387 yards S.E.  
 Coticke Station 747 " N.W.  
 Harro 23 ft high 31 " S.E.  
 Shrub 7 " 6 " E

RAINFALL at Whitehaven Scragill ReservoirCounty of CumberlandObserver E. E. Pinner Esq. C.E.River Basin West Cocker Stream 3M.O. Rain Gauge, by N+Z

Diameter ...	8										
Height .....	10										
Altitude ...	1885										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.36	1.97	3.07	3.45	2.88	3.85	3.24	2.33	4.46	5.37	
February ...	5.93	4.38	2.65	1.88	4.25	6.16	3.81	1.41	4.49	.61	
March .....	2.91	1.12	4.96	4.04	4.48	2.10	1.19	1.37	2.07	4.06	
April .....	2.54	3.16	.62	3.67	1.05	2.75	2.47	1.84	.99	3.18	
May .....	2.52	2.94	2.60	4.76	2.45	1.33	3.57	3.95	2.28	1.21	
June .....	1.76	4.35	6.07	2.07	1.33	1.53	2.80	1.96	1.83	2.59	
July .....	4.45	.98	3.60	.93	4.94	6.26	3.11	1.22	3.71	1.08	
August .....	6.81	2.01	5.47	2.43	3.54	2.27	2.60	7.97	4.75	2.81	
September ..	.72	3.10	1.56	3.19	1.55	1.64	2.90	4.80	10.31	4.34	
October ...	2.15	3.39	4.18	4.61	2.21	2.09	5.99	6.40	5.48	2.43	
November ..	5.21	6.07	3.90	3.64	5.09	2.21	5.71	4.61	2.79	2.74	
December ...	5.32	8.81	4.94	2.99	5.07	6.63	5.28	3.62	7.09	6.41	
TOTALS ...	43.69	42.28	43.52	37.66	38.84	38.82	42.67	41.38	50.25	36.83	

ab 7 am.  
 1912 House 23 ft high 31 yds SE  
 Sheds 7. 6. E

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54-32.50	3-34-56	Borkickle	747 yds	NW	Henningham	500 387 yds	SE 83

RAINFALL at Whitehaven Scragill ReservoirCounty of Cumberland Observer E. C. Steven Esq. B.C.River Basin West Coast Streams 3 H. A. Wilson, Esq. B.C. (1916)No. Rain Gauge, by No. 2 Bond Esq. & Son Esq. Whitehaven  
Sunderland 1929?

Diameter ...	9										
Height .....	1	0									
Altitude ...	138										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...	5.52	6.46	3.71	3.86	4.97	3.87	5.46	6.26	8.99	1.97	7.71
February ...	2.78	.37	4.37	5.89	1.39	5.21	6.42	3.03	3.68	1.50	.38
March .....	5.84	6.06	2.00	1.26	.79	1.39	1.81	4.76	4.56	1.07	2.67
April .....	4.28	1.97	2.66	4.21	2.53	4.12	4.00	2.90	1.37	1.40	2.00
May .....	4.46	3.48	3.85	1.93	4.82	7.77	3.59	2.53	.99	2.11	1.58
June .....	2.48	.39	2.52	1.18	3.36	.87	2.99	3.91	4.88	2.34	2.03
July .....	5.04	3.72	6.19	4.41	5.53	2.04	4.99	5.71	6.30	5.54	2.71
August .....	4.80	8.95	4.90	9.69	4.05	4.69	5.69	5.67	7.96	6.86	7.13
September...	2.98	2.30	2.54	5.91	6.34	3.85	6.14	7.97	3.61	1.31	2.73
October .....	2.06	3.13	2.54	8.05	4.43	6.82	3.75	3.82	8.97	8.24	7.36
November...	3.49	2.77	2.95	5.57	3.22	2.23	9.26	4.95	8.79	9.12	4.84
December...	3.91	4.54	5.53	5.69	9.07	2.75	2.00	1.34	4.04	8.18	4.65
TOTALS...	47.64	44.14	43.76	57.65	50.50	45.31	56.10	52.88	64.14	50.64	45.69
	D	2	6	D	D	D	D	D	D	D	D

1920 House 23 ft high 31 yds S 12

Shrubs 7 " " 6 " E

1926 House 30' high 50 yds E.

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
1920	54° 32' 50"	3° 34' 56"	Corkickle	747 yds	NW	Henningham	500 yds	S.S.E.



RAINFALL at Whitehaven (Scragill Reservoir)County of Cumberland,Observer A. Wilson, Esq., C.E.River Basin West Coast Streams-3.The Borough Engineer & Surveyor (Gen)Type of Gauge StandardAnnual Average 43.5 in. based on 21 years obs. un-weighted. Period of average 1881-1915 Ref 5

339 605/34

Diameter	8.										
Height	1.0.										
Altitude	198.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.64	6.53	4.61	6.27	1.55	5.08	5.60	4.52	5.08	3.36	4724
February	3.68	.04	3.91	4.44	4.81	2.67	5.08	1.83	4.63	1.55	2864
March	1.18	3.98	3.74	2.16	1.04	2.83	1.68	2.09	3.31	5.29	2730
April	1.80	3.41	2.37	3.31	2.94	.90	4.16	.49	2.50	1.83	2371
May	2.64	4.41	2.54	4.37	.78	1.20	1.40	4.41	0.40	1.60	2375
June	5.76	2.14	2.27	2.22	4.18	4.63	2.74	5.84	3.60	.60	3389
July	6.18	4.36	4.48	1.08	1.91	3.40	6.47	7.35	5.31	3.80	4434
August	4.70	2.36	2.84	4.24	1.88	3.75	3.04	3.31	2.83	1.25	3020
September	3.11	4.52	2.02	5.43	6.51	5.53	3.81	3.74	2.20	3.29	4016
October	3.15	7.56	3.37	5.75	6.07	3.04	4.42	9.81	2.12	4.34	4963
November	10.60	3.08	2.73	1.66	5.45	4.88	1.48	8.98	5.23	5.15	4914
December	6.91	9.63	1.33	7.63	2.46	7.54	3.84	5.12	2.58	5.43	5247
TOTALS	54.25	52.02	36.12	44.56	39.58	45.45	43.72	57.49	39.79	37.49	45047
	D	D	D	D	D	D	D	D	D	D	

Woods 23' high 31° SE : Shrub 7' high 6° E.  
 1933 Feb. June & Sept. corrected for arithmetic.

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
			Corkickle	747'	NW	Hensington	500'	SSE.

Station No. 3657

RAINFALL at Whitchaven (Sungill Reservoir) 41County of Cumberland Observer The Borough Engineer SwinneyRiver Basin West Coast Streams-3Type of Gauge SnowdonAnnual Average 42.5 in. based on 21 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 329.605/34.

Diameter	8"			592	245						
Height	1' 0"				1						
Altitude	155'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	75	5.27	6.53	4.68	3.45	5.41	3.15	6.81	2.32	1.71	
February	8.82	1.98	3.30	2.31	4.70	2.23	4.1	1.94	2.02	4.15	
March	2.35	3.51	1.12	3.3	2.50	2.05	5.74	2.08	1.93	4.90	
April	2.04	2.27	2.36	2.25	2.27	1.58	3.96	1.69	2.68	2.23	
May	8.61	4.07	3.45	2.13	3.55	1.17	4.31	1.48	1.84	.92	
June	67	1.18	3.06	2.41	3.07	2.55	2.92	4.21	.80	2.63	
July	2.28	3.82	2.64	2.53	2.82	5.64	3.21	1.95	1.13	5.08	
August	4.22	5.34	6.41	3.14	1.25	4.52	.21	2.92	2.59	5.05	
September	2.20	4.25	4.12	4.03	4.77	5.40	2.18	5.84	1.45	9.07	
October	6.31	4.27	8.48	3.82	4.47	.47	.66	3.37	5.60	3.10	
November	8.21	1.16	2.94	8.03	30	6.29	3.90	3.51	5.01	4.18	
December	1.65	6.94	2.65	4.25	3.15	4.47	1.26	5.62	4.64	1.97	
TOTALS	33.11	44.06	47.06	39.91	36.30	47.8	31.91	43.82	35.01	45.99	

1941:- Dwelling House 23' high 3 1/2 m SE. Shamba 7' high 6 yds E.  
 1947 n.p. low. Engineer says gauge sound.

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

No. of Map

Reference No. 25 98370

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941.			Cockle	747 yds	N.W.	Hemingham	500 yds	S.S.E.

Station No. 3657 T 31.12.55RAINFALL at Whithaven (Scragill Reservoir) 51County of CumbrelandObserver The Borough EngineerRiver Basin West Coast Streams - 3Type of Gauge SnaddenAnnual Average 43.5 in. based on 21 years obs. un-weighted. Period of average 1881-1915 Ref. 5File No. 339605/34

Diameter ...	8"				592	245						
Height ...	1' 0"					1						
Altitude ...	188'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	5.14	3.28	2.76	2.85	2.51							
February ...	3.14	.77	1.47	5.22	1.19							
March ...	4.52	3.15	.35	3.26	2.02							
April ...	1.59	3.40	1.99	1.02	2.89							
May ...	1.21	2.52	2.66	3.73	2.46							
June ...	1.62	2.78	1.55	4.94	4.83							
July ...	3.05	1.81	4.78	4.93	3.46							
August ...	7.80	4.01	4.01	4.67	2.67							
September ...	6.45	3.16	6.25	6.39	3.22							
October ...	.64	3.03	2.53	8.12	2.49							
November ...	6.89	1.75	5.97	8.55	2.31							
December ...	5.79	4.57	3.36	4.38	4.51							
TOTALS ...	47.74	34.23	37.68	58.06	34.56							
	D	D	D	D	D							

1951 Dwelling House 23' 31yd SE; Sheds 7' 6yd E;

Terminated as c.f. 31.12.55. Letter 9A in file.

1955 Jan. Feb. + Dec. adj. M.O. 3.6

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 25-983 170

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Cartkirk	747yd	NW	Hensingham	500yd	SE

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓	✓	✓	✓	