

RAINFALL AT Washington Winscales

Lat.

Lon.

County of Cumberland

Rain Gauge, by

Observer

J.W. TrenchWest Coast Streams - 3

Diameter										<u>5"</u>	
Height										<u>1 0</u>	
Altitude										<u>440</u>	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January											
February											
March											
April											
May											
June											
July											
August											
September											
October											
November										<u># 4.69</u>	
December										<u>2.81</u>	
TOTALS											

Washington Church $2\frac{1}{2}$ miles N.W.

House

40 ft

N.E.

Trees

40.

S.W.

RAINFALL AT Workington Winscales

Lat.

Lon.

County of Cumberland

British Association Rain Gauge, by

Observer Mr French

W. coast streams - 3.

Diameter ..	5										
Height ..	1.0	0.9 1.6									
Altitude ..	440 ft										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.81	2.21	3.54	3.19	3.58	1.28	4.74	1.30	3.49	2.18	3032
February ..	5.45	1.94	1.18	4.03	2.90	1.88	2.85	1.59	1.56	1.68	2456
March ..	3.37	1.65	2.18	5.91	2.88	3.47	1.94	3.16	3.21	3.87	2864
April ..	1.61	2.81	1.82	1.50	2.89	3.92	1.61	3.10	1.37	3.06	2369
May ..	3.33	1.46	2.35	3.07	3.04	3.16	4.47	4.19	2.63	1.99	2969
June ..	3.71	2.12	1.83	1.42	1.48	2.13	2.26	6.88	2.72	2.90	2745
July ..	1.60	.65	3.96	4.97	3.03	2.45	2.51	1.83	3.24	7.09	3133
August ..	7.53	4.87	3.19	5.26	4.78	3.18	5.40	5.03	5.13	2.72	4709
September ..	3.53	2.57	1.71	5.29	2.91	2.88	1.50	.48	4.61	2.64	2812
October ..	5.17	6.74	3.21	8.83	2.27	2.70	5.58	7.95	1.61	8.67	5273
November ..	3.75	4.18	2.25	3.47	3.62	3.16	4.00	4.40	3.03	1.84	3370
December ..	5.97	5.48	3.20	3.10	4.43	2.54	2.80	5.73	3.02	6.39	4266
TOTALS ..	46.83	36.68	30.42	50.04	37.81	32.75	39.16	45.64	35.62	45.03	39908

= = = = =

1900 St Johns Workington 2 1/2 miles N.W.

2 houses 120 ft W

House 120 - NE

1903 Workington Station 2 1/2 miles N.W.W.

Huts

3658 10

RAINFALL at Washington Winscales House

County of Cumberland

Observer J. A. French Cr.

River Basin West Coast Streams 3

Rain Gauge, by

Diameter ...	5										
Height	1.6						0.9		1.6		
Altitude ...	4407										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.35	1.77	2.33	2.18	2.61	3.31	2.81	1.64	4.39	3.57	
February ...	5.49	3.63	2.14	1.78	3.90	5.32	3.06	1.63	3.47	.51	
March	2.78	.99	4.64	3.63	2.99	1.64	.85	1.34	1.54	2.41	
April	2.37	3.97	.70	4.35	1.27	2.73	2.33	1.69	.90	2.49	
May	2.39	2.28	2.62	3.37	2.17	1.07	2.88	3.21	2.28	1.68	
June	1.33	4.64	5.23	2.28	1.10	1.37	3.21	2.18	1.18	3.33	
July	3.72	1.14	3.88	.72	5.07	4.94	3.63	1.47	3.50	.83	
August	5.88	2.76	5.77	2.58	3.87	2.02	2.66	7.45	3.99	2.83	
September86	3.13	1.08	2.85	1.86	1.86	2.74	4.98	8.52	3.48	
October	1.98	3.80	4.20	3.87	1.33	1.92	6.62	5.65	5.11	1.61	
November	4.67	5.78	4.28	4.05	5.00	1.63	4.73	3.16	2.14	2.45	
December	4.65	7.78	4.28	2.64	5.08	5.91	5.15	2.53	5.39	4.60	
TOTALS ...	38.47	41.67	41.35	33.80	35.75	33.72	40.67	36.93	42.41	29.79	

S.W. S + NE "but good open space on every side"

1912 Free

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Worthington	3 mi.	W	Worthington	2½ mi	W

RAINFALL at Washington Winslade House

County of Cumberland Observer J. A. French Esq.
River Basin West Coast Streams 3. Dr. French (1922)

Snowdon Rain Gauge, by
(126)

Diameter	5										
Height	1.6										
Altitude	4440										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January	4.51	4.56	3.10	2.42	3.32	2.21	3.75	.85	5.77	1.09	5.61
February	2.03	.31	3.76	4.65	.46	3.39	3.18	1.72	2.94	.92	.42
March	5.05	5.03	93	1.35	1.01	1.28	.56	2.96	3.00	.56	1.65
April.....	3.22	.90	2.37	2.77	1.61	2.82	2.14	1.44	.96	1.23	1.07
May	6.20	2.61	3.14	1.91	3.93	5.43	2.33	1.96	1.95	2.63	1.64
June	1.78	.45	2.83	1.53	2.98	.59	3.07	3.02	4.24	2.06	1.90
July	5.97	4.07	3.61	3.99	4.71	1.57	3.38	5.01	6.21	.492	2.71
August	3.64	5.79	4.50	7.18	3.69	3.58	3.48	4.96	6.47	6.57	6.64
September.....	2.33	2.05	2.40	5.11	5.47	3.69	4.56	6.79	3.90	1.64	1.81
October.....	1.84	3.38	2.05	8.73	3.02	4.94	2.51	3.19	5.78	6.42	6.94
November....	2.95	2.12	1.81	3.68	2.90	2.21	5.17	2.96	6.24	6.53	3.43
December....	2.64	3.55	4.83	3.81	4.65	2.94	1.14	.94	2.62	5.16	2.80
TOTALS...	42.16	34.82	36.53	44.13	37.75	34.65	35.21	35.80	49.18	89.53	36.42

1921. tree. 40 ft. N.E. V SW

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series }			No. of Map	Reference No.				
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920			Workington Bridge	2½ mi	W	St. John's	2 mi	W

RAINFALL at Workington (Winscales House)

County of Cumberland.

Observer Miss E. W. Trench

River Basin West Coast Streams - 3.

Type of Gauge..... Snowdon.

Annual Average 37.2 in. based on 28 years obs. un-weighted. Period of average 1881-1915 Ref. S

1932 how / sp.

1932 1933 June

1934-11-15.

1934 Jan. 17.
1935. Str inspected 13/9. Gauge outlet failing recommended to use a narrow necked bottle. Measure incorrectly graduated, new measure recommended. Proposed to send gauge to, new scale in English quidens. No. of min of g. given by inspector as 1.0, has been adopted B.R. 1934
New measure sent 11/10/35

Position of Station on reduced Ordnance Survey Map, } No. of Map.....
1 mile to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1936.			Workington	3 m.	N.W.	Workington.	2 1/4 m	S.W.?

Station No. 3158

RAINFALL at Waddington (W. Lancashire, H. Lancs.)

County of Cumbeland Observer Miss E. W. T. French died 6/42.

River Basin West Coast Streams - 3

Type of Gauge Standard

Annual Average 27.2 in. based on 29 years obs. un-weighted. Period of average 1881-1915. Ref. S.

File No. 227865/33

Diameter	5'										
Height	1' 0'										
Altitude	2460'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	75	5.02									
February	3.71	1.56									
March	2.46	2.43									
April	2.03	2.13									
May	3.18	2.97									
June	.81	.67									
July	2.48	3.58									
August	5.57	4.46									
September	2.06	5.66									
October	6.19										
November	2.75										
December	1.51										
TOTALS	33.50	np.									

1941: - Tree 60' high 54° N.W.S.E.

1942: - np. incomplete. Tree about 60' W.S.W. - 2 storey house 100 yds. N.
Station terminated on sale of house

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	Direction from gauge.
1941			Waddington	3 miles	N.W.	Waddington	2 miles	N.W.