

# RAINFALL AT

Workington Weircales

Lat.

Lon.

County of

Cumberland

Rain Gauge, by

Observer

J. W. Trench

West Coast Stream - 3

Diameter . . . .											5	
Height . . . . .											10	
Altitude . . . .											440	
Year . . . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January . . . .												
February . . . .												
March . . . . .												
April . . . . .												
May . . . . .												
June . . . . .												
July . . . . .												
August . . . . .												
September . . . .												
October . . . . .												
November . . . .											#4.69	
December . . . .											2.81	
TOTALS . . . .												

Workington Church 2 1/2 mile N.W.

House 40 ft NE

Trees 40 S.W.

# RAINFALL AT

Workington Winesales

Lat.

Lon.

County of

Cumberland

British Association

Rain Gauge, by

Observer

Mr. Trench

W. coast stream - 3.

Diameter ..	5											
Height ....	1.0				0.9	1.6						
Altitude ..	440 T											
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	3.032	
February ..	5.45	1.94	1.18	4.03	2.90	1.88	2.35	1.59	1.56	1.68	2.456	
March ....	.37	1.65	2.18	5.91	2.88	3.47	1.94	3.16	3.21	3.87	2.864	
April .....	1.61	2.81	1.82	1.50	2.89	3.92	1.61	3.10	1.37	3.06	2.369	
May .....	3.33	1.46	2.35	3.07	3.04	3.16	4.47	4.19	2.63	1.99	2.969	
June .....	3.71	2.12	1.83	1.42	1.48	2.13	2.26	6.88	2.72	2.90	2.745	
July .....	1.60	.65	3.96	4.97	3.03	2.45	2.51	1.83	3.24	7.09	3.133	
August ....	7.53	4.87	3.19	5.26	4.78	3.18	5.40	5.03	5.13	2.72	4.709	
September ..	3.53	2.57	1.71	5.29	2.91	2.88	1.50	.48	4.61	2.64	2.812	
October .....	5.17	6.74	3.21	8.83	2.27	2.70	5.58	7.95	1.61	8.67	5.273	
November ..	3.75	4.18	2.25	3.47	3.62	3.16	4.00	4.40	3.03	1.84	3.370	
December ..	5.97	5.48	3.20	3.10	4.43	2.54	2.80	5.73	3.02	6.39	4.266	
TOTALS ..	46.83	36.68	30.42	50.04	37.81	32.75	39.16	45.64	35.62	45.03	39.098	

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

2 hrs

120 ft

W

House

120 -

NE

1903 Workington Station

2 1/2 miles

N.W.

H. H. H.

RAINFALL at Workington Winescales HouseCounty of CumberlandObserver J. A. FrenchlyRiver Basin West Coast Streams 3

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

Diameter ...	5										
Height .....	1 6						0 9		1 6		
Altitude ...	440 T										
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	3.37	2.02	2.66	7.45	3.99	2.23	
September ..	.86	3.13	1.08	2.25	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	41.25	33.80	35.75	33.72	40.67	36.93	42.41	29.79	

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

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Workington	2 1/2 mi. 3 mi.	W	Workington St. Andrew	2 1/2 mi	W



RAINFALL at Warkington Miniscales HouseCounty of CumberlandObserver J. A. French EsqRiver Basin West Coast Streams 3.Wm French (1921)Snowdon Rain Gauge, by  
(126)

Diameter ...	5										
Height .....	1.6										
Altitude ...	440										
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	2.29	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	5.42	2.33	1.96	1.05	2.43	1.44
June .....	1.78	.45	2.53	1.53	2.98	.59	3.07	3.02	4.24	2.06	1.90
July .....	5.97	4.07	5.41	3.99	4.71	1.57	3.38	5.01	6.21	4.92	2.71
August .....	3.64	5.79	4.50	7.18	3.69	3.58	3.48	4.96	6.47	6.87	6.64
September...	2.33	2.05	2.40	5.11	5.47	2.69	4.50	6.79	3.90	1.64	1.81
October .....	1.84	3.38	2.05	5.73	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	4.53	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
	D	D	D	D	P	P	D	D	D	D	D

1921. Jan.

4074. N.E. V S.W.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Warkington Bridge	2 1/2 mi	W	St. John's	2 mi	W

RAINFALL at Workington (Winscales House)County of Cumberland Observer Miss E. W. TrenchRiver Basin West Coast Streams - 3.Type of Gauge SnowdonAnnual Average 37.2 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref. Sf227865/33

Diameter	5.											
Height	1.6.				1.9							
Altitude	440.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.71	4.47	3.05	4.02	1.24	3.34	3.91	3.86	5.19	2.39	34.21	3150
February	2.44	.00	2.20	.27	4.29	2.11	4.29	1.43	3.72	.96	2171	1927
March	.75	2.97	2.55	1.67	.95	1.69	1.21	1.98	2.31	5.35	2141	
April	1.17	2.38	1.93	3.23	2.55	.78	2.79	.41	1.75	1.36	1835	
May	2.10	2.55	2.52	3.41	.55	1.51	1.45	4.75	0.28	1.49	2061	
June	5.94	1.38	1.96	2.33	3.66	4.04	2.58	5.03	3.55	.95	3142	2548
July	5.18	3.15	3.40	1.59	1.63	4.29	3.77	6.76	5.44	4.16	3936	3418
August	3.86	2.22	2.58	4.46	2.46	2.39	2.01	3.39	2.55	2.05	2797	2411
September	2.60	4.48	1.52	4.02	5.25	3.42	3.67	2.70	2.76	3.84	3626	
October	3.58	5.33	3.03	5.18	6.28	3.40	3.61	3.75	1.41	3.77	4434	
November	6.48	2.48	1.86	1.55	4.48	4.30	1.20	6.14	4.89	3.67	3705	
December	4.33	3.62	.63	6.01	1.73	4.99	3.54	3.20	2.02	4.13	3420	2987
TOTALS	41.14	35.03	27.23	37.74	35.07	38.27	34.03	48.39	35.87	34.12	36689	711
	D	D	D	D	D	D	D	D	D	D	D	D

1932 low sp.

1933 low sp.

1934 h/f. low.

1935. Sn inspected 13/9. Gauge outsourcing recommended to use narrow necked bottle. Measure incorrectly graduated, new measure recommended. Proposed to move gauge to new site in kitchen garden. Ht of rim of g. given by inspector as 1'0". New value adopted B.R. 1934. New measure sent 11/10/35

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
1936.			Workington	3 m.	N.W.	Workington.	2 1/4 m	SW?

RAINFALL at

Worthington

Station No. 2658

(Winscombe House)

41

County of

Cumberland

Observer

Miss E. W. Trench

River Basin

West Coast Streams - 3

Type of Gauge

Snowdon

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

File No. 227865/32

Diameter	5"										
Height	1' 0"										
Altitude	2240'										
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' NW + S.E.

1942: - np. incomplete. Tree about 60' W.S.W. 2 storey house 100 y. N.  
Station terminated on sale of housePosition 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			Worthington	3 miles	N.W.	Worthington	2 1/2 miles	N.W.