

RAINFALL AT Hampson-in-Ellal

Lat.

Lon.

County of Lancashire North

Sundown

Rain Gauge, by N & B.

Observer W. G. Welch Esq.

Wye 5

Diameter ..	5										
Height	1.6										
Altitude ..	145 T										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.33	1.70	2.17	3.90	4.23	1.99	4.57	1.86	3.64	2.00	3.039
February ..	3.03	1.74	1.42	3.41	3.35	1.46	3.27	1.76	2.59	2.20	2.423
March ..	.59	3.49	2.94	3.50	2.43	3.05	3.27	4.21	3.03	2.67	2.918
April ..	2.44	2.14	1.57	1.50	3.08	3.01	1.65	1.67	2.27	3.49	2.282
May ..	1.61	.89	2.91	3.32	2.89	1.14	5.34	4.10	2.70	1.98	2.688
June ..	3.11	2.08	1.41	1.43	1.64	2.03	2.79	8.22	2.60	2.27	2.758
July ..	3.61	1.46	3.98	4.16	2.06	2.00	2.44	4.79	3.80	6.41	3.471
August ..	5.61	2.91	3.02	6.57	3.73	4.58	4.31	4.99	5.39	3.46	4.458
September ..	2.04	1.35	1.26	5.97	2.00	3.47	1.56	.89	5.47	2.83	2.684
October ..	6.46	4.33	4.27	8.87	3.45	3.26	7.77	4.74	2.03	6.06	5.124
November ..	3.62	3.69	2.81	3.87	3.09	4.51	3.34	4.03	3.79	1.63	3.438
December ..	5.06	3.87	3.62	3.18	3.29	1.05	3.54	4.87	3.40	8.20	4.008
TOTALS ..	41.51	29.65	31.39	49.68	35.24	31.55	43.85	46.13	40.71	43.20	39.291

m m m m m D D

July

1900 Ellal Church 1/2 miles N

Pear Tree 13 ft high 22 ft N

Holly " 12 " 21 " S.E.

Falgate Station 1 mile N

RAINFALL at Hampson-in-Ellie

County of North Lancashire

Observer W.G. Welchay

River Basin Lune 4

Snowdon Rain Gauge, by N & T

+ Inspected by Dr. Mill 28.IX.12. Perfect exposure on level lawn.

1912 Home 27 ft high 39 ft N
Yew tree 20 . . 40 . NW

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
32°59'	246 W	Balgate Bog Horse		1 m 1 m	N S	Eller	1/2 m	N

RAINFALL at Hampson-in-Ellé

County of N. Lancashire

Observer T. G. Welch Esq. died 22/1/29River Basin Lune 4John Welch (1929)cafe
Snowdon Rain Gauge, by N.S.G.

Diameter ...	5"	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEDIAN 1920	Totals.
Height	1 o												
Altitude ...	145'												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929			
January ...	4.08	6.46	3.43	3.69	3.57	2.65	4.71	3.92	10.01	1.89	6.72	51.13	
February ...	2.45	3.30	4.36	5.76	4.48	5.08	4.07	2.88	4.94	8.7	.16	31.35	
March	4.96	3.82	2.39	1.17	1.42	1.26	.95	3.30	3.01	1.04	2.84	26.19	
April.....	4.53	1.68	1.75	3.01	1.53	2.28	1.44	1.45	1.49	1.41	1.85	22.42	
May	4.99	3.16	3.09	3.13	3.23	4.26	2.39	1.66	.62	2.16	1.12	31.83	
June	2.19	4.48	2.76	1.77	3.09	4.46	3.65	3.52	7.18	1.75	2.28	28.13	
July	5.61	1.98	5.97	4.80	3.18	2.70	4.31	4.08	4.67	3.42	3.23	42.95	
August	1.69	6.71	6.12	6.13	5.38	3.49	3.79	6.44	5.65	6.53	7.18	57.13	
September...	3.18	1.82	4.38	4.42	5.06	3.61	5.29	7.30	2.75	3.29	2.29	42.79	
October.....	1.25	2.52	7.6	6.13	5.00	5.47	3.56	3.71	5.35	6.95	6.23	46.93	
November...	2.19	1.97	2.94	5.64	2.37	2.13	6.51	4.71	7.29	7.57	4.80	48.12	
December...	2.71	5.55	4.81	4.67	6.50	2.40	1.29	.93	3.36	7.62	4.21	44.05	
TOTALS...	39.83	35.45	42.76	49.34	42.83	35.79	41.96	43.90	55.72	114.53	42.91	475.02	42.66

1920 House 2714 high 39 ft. N.
Year 1922 - 40 - NW.

Position of Station on reduced Ordnance Survey } No. of Map _____

Reference No. _____

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	53° 59'	2° 46'	Galgate	1 mi	N	Ellé	1/4 mi N

RAINFALL at Hampson-in-Ellet,

County of North Lancashire

Observer John Welch, Esq.

River Basin.....Lune - 4

Type of Gauge.....
Annual Average 38.3 in. based on 30 years obs., un-weighted. Period of average 1981-1915 Ref. S

TQ34 House over 24' high N.
1935 House over 24' high 12° to N.

1935 House over 24' high 12° 40' N.

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

References No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1931			Galgate	1m.	N.	Elles	1½ m	N.

Station No. M. 3041

RAINFALL at Hampson-in-Ellal

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County of North Lancashire Observer John Welch Esq.River Basin Lanc.

Type of Gauge.....

Annual Average 38.3 in. based on 30 years obs. wh-weighted. Period of average 1881-1915 Ref. SFile No. 852964/28

Diameter	5"		579	384							
Height	1' 0"				1						
Altitude	145'				111						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.10	3.93	6.40	5.05	2.84	3.77	3.50	6.90	2.43	2.17	Total 38.09
February	3.94	1.36	2.14	1.45	4.34	3.61	.51	2.00	1.49	3.72	24.66
March	2.96	2.48	.80	.52	2.55	.86	5.10	2.55	1.94	1.55	21.34
April	1.29	1.81	2.78	2.81	1.68	1.58	3.47	1.46	4.12	2.65	23.63
May	2.66	3.57	3.39	2.98	2.91	2.03	3.04	1.45	2.33	1.29	25.85
June	.51	.87	2.62	2.95	4.47	2.84	2.99	4.88	.87	3.34	26.34
July	1.49	4.61	4.54	3.51	3.00	5.69	3.82	3.21	3.94	4.33	38.12
August	4.49	5.35	6.74	3.13	1.23	6.18	.31	4.20	2.98	7.18	41.79
September	1.69	3.81	4.63	6.31	3.66	6.28	4.40	5.20	1.19	7.72	44.87
October	5.49	5.00	4.39	5.43	4.96	.55	.53	3.87	6.33	3.41	39.96
November	2.31	1.18	3.13	5.62	1.13	5.43	4.74	3.69	4.83	4.75	35.81
December	1.91	4.00	1.95	3.54	2.04	5.12	2.32	2.95	6.00	2.12	31.95
TOTALS	29.78	37.97	43.51	43.30	33.81	43.94	34.73	42.36	38.78	44.23	392.41 47.6

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	Parish Church.	Distance from gauge	Direction

Station No. 3041

M 51

RAINFALL at Hampson-in-BellCounty of N. Lancashire

Observer

John Welsh Esq., CB.E., M.A., LL.B.River Basin Lune - 4

Type of Gauge.

Annual Average 38.3 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. S
40.17 " " 35 " " 1916-1950 1916-1950 P
 File No. 852964/28

Diameter ...	5"		579	384							
Height ...	1' 0"				1						
Altitude ...	145'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means 1950-60
January	4.16	4.07	1.95	3.42	2.24	3.62	3.98	3.67	2.91	4.75	34.77
February	3.53	1.18	1.41	3.26	2.20	4.48	2.85	5.14	1.83	3.01	23.89
March	4.31	2.21	.70	2.53	1.43	1.00	2.63	1.89	2.34	1.46	20.30
April	2.30	3.30	2.81	1.04	2.36	1.70	.53	1.50	2.52	2.69	20.75
May	1.69	2.57	2.03	2.97	3.86	2.24	3.16	4.51	1.69	2.42	26.64
June	1.49	4.23	2.33	4.01	3.20	1.84	1.97	4.34	3.59	1.86	28.86
July	3.07	1.72	5.09	5.24	1.65	3.82	3.60	3.23	4.79	6.37	38.58
August	4.35	5.93	4.21	5.78	1.12	10.85	4.17	3.46	.36	5.56	45.79
September	4.23	4.03	5.25	7.10	2.57	3.27	5.96	5.07	.64	4.09	42.11
October	1.47	3.95	1.86	9.28	2.14	3.10	5.91	4.49	3.90	2.78	38.91
November	8.20	1.78	4.62	5.72	1.74	1.28	1.55	2.13	5.64	7.36	40.02
December	8.96	3.72	2.12	5.08	3.89	4.56	4.43	3.11	7.70	4.24	47.81
TOTALS ...	47.76	38.69	34.38	55.23	24.93	37.76	40.74	42.54	36.81	46.59	408.43
	D	D	D	D	D	D	D	D	D	D	

(See Annexes)

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference (2/34) 495541

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

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