

RAINFALL AT *Hampson in Ellet*

Lat.

Lon.

County of *Lancashire North*

Sunder Rain Gauge, by *N. B.*

Observer *W. C. 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
March59	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	39.201

M. m m m m m

1900 Ellet Church 1 1/2 miles N

Pear Tree 13 ft high 22 ft N

Holly " 12 " " 21 " S.E.

Salgate Station 1 mile N

W.C.

RAINFALL at Hampson-in-EllelCounty of North LancashireObserver W.G. Welch EsqRiver Basin Lune 4Snowdon Rain Gauge, by N43

Diameter ...	5										
Height	1 6							1.0			
Altitude ...	145 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.96	1.27	3.33	4.18	3.24	4.77	2.79	2.13	3.93	4.71	Totals 16.79
February ...	4.54	4.36	1.93	1.94	3.83	4.72	3.49	1.13	4.18	1.41	13.56
March	1.23	1.60	6.22	3.88	4.66	1.74	1.42	2.21	1.68	5.24	10.21
April	2.37	3.04	.56	4.83	.60	2.88	2.88	1.46	.89	1.66	10.55
May	1.98	1.40	1.61	2.64	2.45	1.37	2.98	1.95	2.18	1.76	6.89
June	2.18	3.05	5.66	2.28	1.59	1.08	4.02	2.74	1.90	1.69	8.87
July	5.43	.67	4.90	1.49	4.99	4.43	2.44	1.29	4.74	1.83	10.35
August	6.18	4.39	3.79	1.71	2.40	3.82	4.04	7.89	4.47	4.02	10.30
September ..	.45	3.91	2.13	3.75	2.73	.70	2.59	3.80	5.52	2.74	20.42
October ...	3.15	4.01	4.53	2.09	1.65	1.14	7.53	6.87	4.11	2.73	17.63
November ..	5.62	5.29	5.21	4.83	4.98	1.99	3.22	4.70	2.44	2.26	21.34
December ...	3.62	6.84	3.81	3.00	5.87	6.84	2.91	2.10	5.01	5.54	12.62
TOTALS ...	41.11	39.83	43.68	36.62	39.19	35.48	40.31	38.27	47.05	35.59	161.22
	2	2	2	2	2	2	2	2	2	2	10.6

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

1912 Home 17 ft high 39 ft N
Garden 20. 40. NW

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.59	2.46 W	Paley Barnes	1 m 1 m	N S	Ellel	1 1/2 m	N

RAINFALL at Hampson-in-EllelCounty of N. LancashireObserver H. G. Welch Esq. dated 22/1/29River Basin Lune 4John Welch (1929)certified
Snowdon Rain Gauge, by N. G.

Diameter ...	5"												
Height	10												
Altitude ...	145												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS 1920		
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	Total
February ...	2.45	3.0	4.36	5.76	4.8	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	5.25	4.26	2.39	1.66	.62	2.16	1.12	31.83	
June	2.19	.48	2.76	.77	3.09	.46	3.65	3.52	7.18	1.75	2.28	28.13	
July	5.61	.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	6.15	5.38	3.49	3.79	6.44	5.65	6.53	7.18	59.13	
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	.76	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	4.51	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	41.91	43.90	55.72	44.53	42.91	475.02	1246
	D	D	D	D	D	D	D	D	D	D	D	D	

1920 House 27 ft high 39 ft N
 Yew Tree 22 " " 40 " NW.

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

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

RAINFALL at Hampson-in-ElleCounty of North LancashireObserver John Welch, Esq.River Basin Lure - 4

Type of Gauge.....

Annual Average 38.3 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. 5

852964/28

Diameter	5.											
Height	1.0.											
Altitude	145.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.50	4.82	3.43	4.26	2.00	4.00	2.65	5.08	4.49	2.46		Total 37.69
February	3.39	.05	2.97	.15	4.77	2.20	5.20	1.52	2.85	1.93		25.03
March	.47	2.59	1.83	2.20	1.09	2.17	1.67	1.13	1.89	3.43		18.47
April	2.22	8.36	2.02	2.85	2.51	.44	2.90	.40	1.89	2.49		21.08
May	1.92	4.71	2.24	3.87	1.48	1.11	1.30	3.22	1.28	1.51		23.14
June	7.02	1.23	1.51	2.62	3.64	3.52	2.19	4.79	3.32	.72		30.56
July	4.70	5.98	2.81	1.90	1.65	3.02	1.83	3.94	5.19	4.28		35.35
August	3.39	1.65	2.90	5.78	2.45	2.83	2.07	3.38	1.79	2.09		28.88
September	3.19	5.15	.92	4.47	6.92	4.29	3.11	2.53	1.37	4.56		36.51
October	3.12	6.15	5.51	5.97	6.32	2.99	1.87	9.45	1.47	4.50		47.35
November	7.53	3.03	1.92	1.32	3.62	4.96	1.37	4.31	6.18	4.67		39.41
December	3.31	2.83	.79	5.19	2.63	5.48	2.28	4.42	2.50	4.39		33.82
TOTALS	44.76	41.55	28.85	40.58	39.08	37.06	28.99	45.17	34.22	37.03		377.29
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		

1934 House over 20' high N.
 1935 House over 20' high 12' N.

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
1931			Galgate	1 m.	N.	blle	1 1/2 m.	N.

Station No. M. 3041RAINFALL at Hampson-in-Elldal

41

County of North Lancashire Observer John Wolsten Log.River Basin Lang. 4

Type of Gauge.....

Annual Average 38.3 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 852964/38

Diameter	5"			579	384							
Height	1'0"				1							
Altitude	145'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.10	3.33	6.40	5.05	2.84	3.77	3.50	6.90	2.43	2.17		Total 38.09
February	3.74	1.36	2.14	1.45	4.34	3.61	.51	2.00	1.79	3.72		24.66
March	2.96	2.48	.80	.52	2.55	.86	5.10	2.55	1.91	1.55		21.34
April	1.27	1.81	2.78	2.81	1.68	1.58	3.47	1.46	4.12	2.65		23.63
May	2.86	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	1.47	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	1.67	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	3.11		39.76
November	2.31	1.18	3.13	5.62	.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 D	37.97 D	43.51 D	43.30 D	33.81 D	43.94 D	34.73 D	42.36 D	38.78 D	44.23 D		392.41 42.61

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.

BRITISH RAINFALL ORGANIZATION

Station No. 3041RAINFALL at Hampson - in - Cell

51

County of N. Lancashire

Observer

John Welch Esq.; C.B.E., M.A., LL.B.River Basin Lune - 4

Type of Gauge

Annual Average 38.3 in. based on 30 years obs. un-weighted.
40.17 " " 35 " " 1916-1950Period of average 1881-1915 Ref. SFile No. 352964/28

Diameter ...	5"			579	384						
Height ...	1' 0"				1						
Altitude ...	145'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
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	1.13	1.41	3.26	2.20	.48	2.85	5.14	.83	3.01	23.89
March ...	4.31	2.21	.70	2.33	1.43	1.00	2.63	1.89	2.34	1.46	20.80
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	.54	4.09	42.11
October ...	1.47	3.95	1.86	9.28	2.17	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	27.93	37.76	40.74	42.54	36.81	46.59	408.43
	D	D	D	D	D	D	D	D	D	D	

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference S2(21)495(54)

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, R - accepted

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