

RAINFALL at

Ratford Township Gill

County of Westmorland

Observer F. H. Hill & Sons.

River Basin Eden I.

Snowdon Rain Gauge, by

An. Av. 61.82 1916-50

Diameter ...										3"		
Height										1.0		
Altitude ...										865		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...										5.38		
February ...										1.42		
March										4.35		
April										2.46		
May										3.31		
June										2.31		
July										1.11		
August										3.70		
September...										3.94		
October ...									10.02	2.52		
November ..									4.68	4.26		
December...									6.71	9.28		
TOTALS ...									42.42			

68.6

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Shap Thonship GillCounty of WestmorlandObserver Messrs G. H. Hills & Sons G.E.River Basin Eden 1R. Holyne Lewis CE (1921)Snowdon Rain Gauge, byManchester Corp. W.W.

An. Av. 1916-50 61.82

Diameter ...	5										
Height	10										
Altitude ...	865										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...	7.07	8.32	3.97	4.12	6.05	7.34	9.45	6.38	15.48	1.57	10.96
February ...	4.75	15	4.26	6.71	6.0	6.19	6.31	3.65	5.88	.88	.43
March	7.42	7.21	3.60	2.55	1.48	1.63	2.57	5.70	7.58	.80	4.26
April	6.09	.88	3.46	3.63	2.85	5.74	3.45	3.13	1.91	1.92	2.07
May	6.06	3.35	1.66	3.10	6.59	6.35	2.15	3.00	1.26	4.39	1.96
June	1.62	.17	1.85	1.03	2.34	.07	5.31	3.59	8.55	1.79	2.74
July	7.21	3.46	6.11	3.09	5.07	1.38	4.05	4.05	3.95	6.36	5.00
August	3.15	6.44	4.30	8.75	3.39	4.83	4.55	8.64	8.85	5.63	8.40
September...	2.65	1.92	3.46	5.89	8.11	5.23	4.68	6.90	3.13	2.04	4.27
October	2.09	1.81	2.25	10.41	5.65	6.84	4.65	7.20	11.65	7.61	11.00
November...	4.82	2.37	2.49	5.86	4.15	2.18	10.41	4.48	12.56	12.50	7.48
December...	6.37	9.80	8.42	4.90	12.87	6.01	.82	1.61	5.31	12.23	7.03
TOTALS...	59.30	45.88	45.83	60.04	59.15	53.99	58.40	58.33	86.11	57.72	65.60

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

RAINFALL at Shap (Thornship Gill) (Ratland)County of WestmorlandObserver Manchester Corp. W.W.River Basin Eden - L.

Type of Gauge.....

Annual Average 56.1 in. based on 16 years obs. un-weighted. Period of average 1881-1915 Ref. Encl.Annotated
11/41

57.3

14

[61.82 A.A. 1916-50] 660604/26.

878.4

Diameter	5.										
Height	1.0.										
Altitude	865.				844						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.01	2.40	8.72	12.07	2.27	9.52	4.98	10.39	10.41	1.96	77.73
February	4.05	.09	5.38	35	9.80	3.21	7.31	3.05	8.14	2.02	63.43
March	1.00	4.66	4.74	4.50	1.95	2.71	2.07	4.34	5.01	6.60	38.58
April	2.95	5.54	1.78	5.01	5.02	1.29	3.60	.41	1.43	2.38	29.41
May	3.73	4.67	3.29	4.63	.62	1.44	3.03	4.91	1.06	1.99	29.37
June	5.99	3.26	2.26	2.35	5.69	3.89	1.96	6.84	4.84	1.07	38.18
July	5.09	6.82	4.48	2.20	1.84	6.63	2.39	8.57	8.54	4.68	51.24
August	4.50	1.46	2.38	4.88	3.21	2.42	2.50	3.21	3.43	1.37	29.66
September	2.60	5.17	2.12	7.42	11.01	7.47	4.41	2.91	2.30	4.71	50.12
October	3.82	10.07	6.41	10.42	9.87	5.46	3.41	15.43	2.44	8.68	76.31
November	12.98	5.08	2.44	1.07	7.07	6.42	1.49	11.18	11.07	8.86	67.66
December	4.27	11.38	.93	11.94	3.47	11.32	4.23	6.49	3.62	5.99	63.64
TOTALS	54.99	70.60	44.93	66.84	61.82	62.78	44.38	77.73	63.25	50.31	597.63

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

Station No. T.F. 3671RAINFALL at Shap (Thornship Gill)

41

County of WestmorlandObserver Manchester Corp. W.O.River Basin Eden - 1

Type of Gauge.....

Annual Average 57.3 in. based on 14 years obs. un-weighted. Period of average 1881 - 1915 Ref....." 61.82 , 1916-1950File No. 662904/2.6 19675/32

Diameter	<u>5"</u>				<u>601</u>	<u>049</u>						
Height	<u>1' 0"</u>					<u>1</u>						
Altitude	<u>844'</u>					<u>41</u>						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	<u>1.36</u>	<u>6.26</u>	<u>11.95</u>	<u>8.01</u>	<u>4.94</u>	<u>8.61</u>	<u>9.23</u>	<u>18.43</u>	<u>3.32</u>	<u>8.88</u>	<u>69.99</u>	
February	<u>7.27</u>	<u>2.89</u>	<u>4.52</u>	<u>2.33</u>	<u>7.03</u>	<u>4.46</u>	<u>2.23</u>	<u>5.83</u>	<u>5.58</u>	<u>9.69</u>	<u>51.33</u>	
March	<u>3.87</u>	<u>3.79</u>	<u>2.12</u>	<u>.63</u>	<u>4.62</u>	<u>4.06</u>	<u>7.67</u>	<u>6.61</u>	<u>1.36</u>	<u>4.60</u>	<u>39.33</u>	
April	<u>1.89</u>	<u>5.37</u>	<u>4.25</u>	<u>3.23</u>	<u>3.44</u>	<u>1.54</u>	<u>10.91</u>	<u>3.01</u>	<u>5.91</u>	<u>8.48</u>	<u>43.03</u>	
May	<u>2.84</u>	<u>6.25</u>	<u>5.52</u>	<u>2.02</u>	<u>5.18</u>	<u>2.20</u>	<u>3.33</u>	<u>3.01</u>	<u>3.96</u>	<u>1.85</u>	<u>36.16</u>	
June	<u>.12</u>	<u>.76</u>	<u>3.83</u>	<u>3.95</u>	<u>5.30</u>	<u>5.20</u>	<u>4.33</u>	<u>7.43</u>	<u>.88</u>	<u>2.20</u>	<u>34.10</u>	
July	<u>1.90</u>	<u>2.90</u>	<u>3.89</u>	<u>4.05</u>	<u>3.15</u>	<u>4.95</u>	<u>3.58</u>	<u>3.81</u>	<u>2.93</u>	<u>5.41</u>	<u>36.57</u>	
August	<u>6.76</u>	<u>6.52</u>	<u>8.59</u>	<u>4.20</u>	<u>2.44</u>	<u>6.73</u>	<u>.09</u>	<u>5.60</u>	<u>2.37</u>	<u>9.18</u>	<u>52.48</u>	
September	<u>1.21</u>	<u>6.70</u>	<u>6.40</u>	<u>7.13</u>	<u>5.96</u>	<u>11.02</u>	<u>5.84</u>	<u>6.75</u>	<u>1.55</u>	<u>(9.86)</u>	<u>62.42</u>	
October	<u>6.62</u>	<u>5.00</u>	<u>7.65</u>	<u>7.17</u>	<u>9.04</u>	<u>12.2</u>	<u>1.10</u>	<u>4.17</u>	<u>7.80</u>	<u>(4.61)</u>	<u>56.38</u>	
November	<u>4.91</u>	<u>1.86</u>	<u>4.28</u>	<u>12.55</u>	<u>43</u>	<u>13.01</u>	<u>9.56</u>	<u>4.74</u>	<u>9.61</u>	<u>5.43</u>	<u>66.38</u>	
December	<u>3.96</u>	<u>9.10</u>	<u>4.18</u>	<u>7.27</u>	<u>4.56</u>	<u>7.54</u>	<u>2.53</u>	<u>8.82</u>	<u>11.25</u>	<u>2.64</u>	<u>61.85</u>	
TOTALS	<u>42.71</u>	<u>57.40</u>	<u>67.18</u>	<u>62.54</u>	<u>56.09</u>	<u>70.54</u>	<u>60.40</u>	<u>71.71</u>	<u>56.52</u>	<u>62.93</u>	<u>608.02</u>	

1920 Sept - Oct apportioned.

00144

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

RAINFALL at Thap (Thornship Mill) Station No. 3671
County of Westmorland Observer Francis L. S. W.
River Basin Eden - 1
Type of Gauge Mt. a. (inspection)

Annual Average 57.3 in. based on 14 years obs. un-weighted. Period of average 1881 - 1915 Ref. 1881 - 1915

" " 61.82 " " 27 " within 1928-56. " " 1916 = 50 Ref. S.
File No. 196728/32
52034.54

Diameter ...	5"				601	049						
Height ...	1' 0"					1						
Altitude ...	844'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	5.79	(6.12)	1.62	4.59	5.86	4.42	14.84	8.53	5.66	10.79	6822	
February ...	6.64	(8)	1.81	(5.60)	2.03	.48	6.15	7.03	1.80	10.88	4323	
March ...	4.98	4.14	.72	(4.23)	1.30	(1.62)	(5.30)	1.62	5.11	1.69	3091	
April ...	5.70	4.93	3.88	.67	1.52	.83	.86	1.82	7.14	7.02	3437	
May ...	1.97	3.07	3.48	5.08	3.78	2.56	3.55	6.58	1.56	2.73	3436	
June ...	1.18	3.66	4.22	3.73	3.26	3.56	1.32	4.63	5.88	4.04	3548	
July ...	3.41	1.63	5.64	2.54	1.99	3.92	3.98	4.48	4.83	5.38	3770	
August ...	6.28	5.29	4.97	6.29	2.45	9.80	6.58	4.65	1.15	3.86	5132	
September ...	7.76	4.83	8.37	9.84	2.80	4.92	6.11	7.37	1.28	3.70	5698	
October81	7.60	3.62	12.99	3.50	6.49	7.78	6.97	8.29	5.17	6222	
November ...	11.98	2.83	7.85	13.33	3.50	2.08	2.25	1.11	10.95	15.80	7168	
December ...	11.53	5.05	3.43	8.34	7.01	9.28	(6.00)	6.03	13.58	8.69	7894	
TOTALS ...	69.03	49.86	49.61	77.43	39.00	48.96	64.72	60.82	67.23	79.75	60541	

1954 TWATERAPP 00004 30004 10004 10014
Expelled July 1956 nr. Dabbs. Gauge sound, 0/5 fence 4' high 4' away, slightly
otherwise reasonable.
1956 flor. est. 103.

Position of Station on Ordnance One-Inch map : No. of Map 85 National Grid Reference 35/55 1132

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
						10		

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	Camp 1918	✓	✓	✓	