

Rainfall at Hallsteads

7358

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	4.13	4.15	2.26	2.40	5.07	7.74	4.09	6.25	9.08	.93	4.610
February - -	1.98	2.00	11.92	7.33	4.63	5.02	17.40	5.19	1.98	1.10	5.855
March - - -	2.72	5.10	11.59	3.65	7.56	3.21	4.66	11.79	3.15	2.46	5.589
April - - -	1.44	6.77	3.22	2.80	5.90	.66	3.21	2.42	3.52	5.94	3.588
May - - -	5.87	4.12	5.15	8.54	1.22	3.12	1.01	5.63	2.99	2.77	4.042
June - - -	2.74	1.54	.33	2.92	2.51	4.27	.59	5.85	2.77	5.15	2.867
July - - -	2.60	2.59	6.96	7.04	1.84	3.70	2.82	2.80	6.05	5.76	4.216
August - -	6.36	3.79	5.71	5.48	2.09	5.46	4.09	5.68	5.81	8.18	5.265
September -	4.15	8.15	4.12	6.02	6.14	6.29	5.17	5.28	2.35	4.09	5.176
October - -	4.59	7.66	10.31	10.05	7.37	6.71	4.91	7.47	4.58	6.12	6.977
November -	3.96	8.24	17.79	4.45	15.64	9.17	5.24	3.56	7.50	2.82	7.837
December -	4.31	11.79	4.84	13.35	14.19	5.15	6.56	16.96	12.19	4.05	9.339
TOTALS -	44.85	65.90	84.20	74.03	74.16	60.50	59.75	78.88	61.97	49.37	65.561

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W. Marshall
Rainfall at Hallsteads

30

4352

Imp Part

Diameter of Gauge, in. Height above Ground, ft. in. Above Mean Sea Level, ft.

YEAR -	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January -	2.11	2.31	3.26	4.9	21.428	3.00	7.40	2.10	1.80	5.10	
February -	5.41	7.68	5.26	11.62	6.820	11.90	4.00	8.90	1.10	7.10	
March -	5.59	11.00	5.94	3.43	7.920	4.20	8.60	2.40	4.20	5.30	
April -	3.91	3.04	2.16	3.08	1.452	1.50	4.90	2.10	2.40	1.40	
May -	3.03	.59	1.69	3.59	1.188	3.70		1.70	4.30	.70	
June -	7.26	4.02	4.18	8.43	4.950	2.30	7.70	3.50	4.70	2.20	
July -	6.38	4.86	2.46	1.83	3.850	4.30	7.30	3.40	5.10	10.60	
August -	7.24	6.07	4.11	2.38	5.346	2.60	5.20	3.90	6.30	6.20	
September -	12.50	5.74	2.18	4.64	3.938	10.40	4.70	2.90	2.30	11.20	
October -	7.34	20.44	11.57	6.64	4.818	5.30	3.50	8.40	9.30	2.20	
November -	16.92	7.79	7.06	8.84	8.00	8.80	8.40	7.20	9.00	3.50	
December -	2.20	12.96	8.65	19.84		2.50	8.20	6.70	5.20	5.80	
TOTALS -	79.84	86.50	58.52	74.81	69.71	60.50	69.90	53.20	55.70	61.30	70.03

c c c c

" Note in the observers book

'July 1833 the gauge was found to let water in from outside'

'of funnel. Supposed about 70% ' This is unsettling. Presumably

" the gauge was set right (though a new gauge seems to have

" been used from Jan 1835) but how long had it been wrong?"

S. A. Marshall 14-12-96.

RAINFALL AT Hallsteads

Cumberland

By Stephen A. Marshall Esq

Rain { By.....
 Gauge { Diameter.....in. Height above Ground,ft.....in. Above Mean Sea Level.....ft.

YEAR.....	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January.....	9.70	3.20	3.50	7.80	3.50						
February.....	5.40	3.70	5.80	1.90	2.40						
March.....	.60	7.60	6.40	1.80	5.00						
April.....	.40	3.80	.70	7.10	1.70						
May.....	2.50	4.80	3.80	3.40	.00						
June.....	4.50	2.70	5.60	5.80	3.00						
July.....	5.50	3.30	5.60	6.10	4.10						
August.....	5.00	5.60	3.20	3.20	4.00						
September.....	6.80	5.70	2.40	.40	4.20						
October.....	1.10	8.40	2.60	8.50	4.30						
November.....	6.30	4.70	8.10	8.80	1.90						
December.....	.90	7.40	6.40	2.60	1.00						
TOTALS.....	48.70	60.90	54.10	57.40	35.10						

(?) For continuation of this record see previous sheet

Copied from original registers

Sent by Mr S.A. Marshall, xii. 98. Encl. 1. xii. 98

RAINFALL AT Halstead Alswater

40

Rain } By
Gauge } Diameter in. Height above Ground, ft. in. Above Mean Sea Level, ft.

YEAR.....	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January	9.90	3.10	3.60	8.00	3.70	5.50	3.50	4.30	3.80	6.20	5.160
February	5.60	3.70	6.00	1.80	2.60	6.00	4.60	2.30	10.50	2.60	3.980
March	6.0	7.80	6.60	1.90	4.90	2.50	7.80	1.90	3.90	1.70	3.960
April	4.0	3.70	8.0	7.20	1.70	4.10	3.20	3.20	2.70	1.80	2.880
May	2.40	4.90	3.90	3.60	0.00	2.20	1.90	5.20	1.50	2.20	2.780
June	4.60	2.80	5.70	6.00	2.90	4.50	4.80	2.40	6.20	3.0	4.020
July	5.50	3.30	5.70	6.30	4.30	3.80	7.00	1.70	4.70	4.10	4.640
August	5.00	5.70	3.30	3.40	4.20	6.20	3.90	3.10	3.80	5.00	4.360
September ...	7.00	5.80	2.50	3.0	4.30	4.50	3.00	4.40	3.90	5.30	4.100
October	1.20	8.50	2.70	8.60	4.30	5.80	10.80	8.90	5.40	8.30	6.450
November	6.10	5.00	8.00	8.70	2.00	6.20	5.30	10.50	4.00	8.30	6.390
December	1.00	7.60	6.60	2.70	1.00	6.70	1.30	9.20	10.80	2.00	4.890
TOTALS	49.30	61.90	55.40	58.50	35.90	52.60	57.10	56.90	61.20	47.80	53.610

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1841 cor. sent by Stephen Marshall 12 xii 98 Int. 1 xii 08.
* Mr Marshall says these obs. were at Oldchurch (in
Halstead Park) 1835-44. The remainder probably
should be on the next sheet (Halstead).

RAINFALL AT Nelited
 Rain { By
 Gauge {
 Diameter in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR.....	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January	3.00				3.50	8.10	1.50	2.60	5.20	4.00	
February	7.80				1.30	9.30	1.00	2.00	.00	2.00	
March	1.10				0.00	2.10	2.60	3.90	1.40	7.90	
April					1.20	3.40	4.10	1.40	1.10	1.20	
May .....					.20	1.30	2.20	1.30	3.50	0.00	
June.....					1.10	1.60	3.40	3.00	.40	1.60	
July				2.40	6.70	3.00	3.80	3.80	4.70	3.70	
August				2.00	3.00	2.30	5.00	3.00	3.00	5.10	
September ...				3.50	3.30	3.90	4.50	3.20	5.60	5.90	
October.....				6.60	5.40	1.90	4.00	2.80	3.80	3.20	
November....				4.60	8.80	3.40	3.00	4.70	1.40	5.80	
December.....				5.40	3.70	3.20	9.70	7.10	9.40	7.20	
TOTALS					38.20	43.50	44.00	38.80	39.50	47.60	

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Hallstead Pewith6 miles from Patterson

Robt. Sinclair

Base 450 46.66

200 60
430 65

65 = 6 in + ground 4 ft.

+ Sea Level. 334 ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	6.10	3.20	4.70	10.80	7.30	3.40	12.40	5.10	9.90	7.00	6.990
February - -	1.20	8.00	1.50	1.60	2.70	2.20	7.00	5.10	9.00	11.30	4.960
March - - -	5.10	5.40	4.50	3.40	4.00	2.50	3.00	3.40	6.30	.50	3.810
April - - -	1.20	0.00	5.40	4.50	2.20	00	4.80	7.60	6.10	2.50	3.430
May - - -	3.20	0.00	4.00	3.50	2.00 ³	4.20	3.20	5.10	2.20	1.70	2.910
June - - -	5.70	3.50	6.50	5.40	4.00 ³	4.70	3.00	1.00	.00	1.10	3.490
July - - -	1.60	5.50	4.90	2.20	3.10	3.60	2.20	4.20	1.60	1.90	3.080
August - -	5.90	6.50	4.80	2.10	1.60	4.70	5.00	3.40	6.60	10.10	4.170
September -	2.80	7.80	3.00	10.90	10.40	1.00	11.30	4.40	3.90	10.30	6.580
October - -	8.40	6.20	13.60	8.20	5.50	7.30	1.20	6.00	6.50	3.00	6.590
November -	2.70	9.30	1.00 ³	3.80	8.20	6.90	10.80	.50	6.10	6.90	5.620
December -	3.00	4.50	9.30 ³	8.50 ³	4.40	0.50	3.40	2.40	11.00	10.00	6.500
TOTALS -	46.90	57.90	63.20	64.90	55.40	49.00	67.30	42.20	69.20	57.30	58.150

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1863 Dec. 5.00 and total 62.20

1865 March 3.30; April .70; May 6.70; June 1.10 July 3.20 Sep. 1.20 Oct. 7.10

Nov. 7.9 Dec. 7.50 total as above.

Our low level will exposed

RAINFALL AT *Ullswater Hallsteads*Lat..... Lon..... County of *Cumberland*Rain Gauge, by..... Observer *Arthur Marshall Esq*

Diameter	<i>.70</i>										
Height	<i>4</i>										
Altitude	<i>490</i>										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>7.60</i>	<i>5.90</i>	<i>11.90</i>	<i>13.30</i>	<i>6.80</i>	<i>9.30</i>	<i>4.00</i>	<i>10.40</i>	<i>5.10</i>	<i>1.20</i>	<i>7.550</i>
February.....	<i>5.10</i>	<i>3.70</i>	<i>8.20</i>	<i>1.20</i>	<i>5.00</i>	<i>1.40</i>	<i>4.70</i>	<i>3.60</i>	<i>4.10</i>	<i>4.40</i>	<i>4.170</i>
March.....	<i>1.50</i>	<i>5.20</i>	<i>5.00</i>	<i>2.70</i>	<i>4.30</i>	<i>4.00</i>	<i>3.60</i>	<i>3.00</i>	<i>1.80</i>	<i>2.30</i>	<i>3.340</i>
April.....	<i>2.70</i>	<i>1.80</i>	<i>2.00</i>	<i>.20</i>	<i>3.00</i>	<i>1.50</i>	<i>1.40</i>	<i>2.70</i>	<i>3.50</i>	<i>4.70</i>	<i>2.350</i>
May.....	<i>6.20</i>	<i>1.10</i>	<i>2.90</i>	<i>1.50</i>	<i>2.00</i>	<i>2.80</i>	<i>1.00</i>	<i>4.10</i>	<i>8.00</i>	<i>1.20</i>	<i>3.080</i>
June.....	<i>1.90</i>	<i>2.20</i>	<i>4.60</i>	<i>1.70</i>	<i>1.50</i>	<i>3.60</i>	<i>3.90</i>	<i>4.80</i>	<i>2.90</i>	<i>6.40</i>	<i>3.350</i>
July.....	<i>7.20</i>	<i>4.80</i>	<i>3.50</i>	<i>5.80</i>	<i>2.30</i>	<i>3.10</i>	<i>1.80</i>	<i>7.20</i>	<i>1.20</i>	<i>5.50</i>	<i>3.640</i>
August.....	<i>1.50</i>	<i>4.00</i>	<i>4.70</i>	<i>5.20</i>	<i>9.60</i>	<i>2.70</i>	<i>4.80</i>	<i>6.70</i>	<i>5.00</i>	<i>7.00</i>	<i>5.120</i>
September.....	<i>5.70</i>	<i>4.00</i>	<i>6.70</i>	<i>2.80</i>	<i>8.50</i>	<i>6.30</i>	<i>4.20</i>	<i>2.20</i>	<i>7.20</i>	<i>5.70</i>	<i>5.330</i>
October.....	<i>10.40</i>	<i>3.60</i>	<i>10.00</i>	<i>7.20</i>	<i>14.70</i>	<i>7.60</i>	<i>3.00</i>	<i>9.70</i>	<i>7.00</i>	<i>2.40</i>	<i>7.560</i>
November.....	<i>3.50</i>	<i>1.30</i>	<i>8.80</i>	<i>3.10</i>	<i>4.20</i>	<i>5.20</i>	<i>2.50</i>	<i>10.70</i>	<i>2.30</i>	<i>2.50</i>	<i>4.410</i>
December.....	<i>2.70</i>	<i>7.50</i>	<i>9.20</i>	<i>4.10</i>	<i>1.70</i>	<i>6.30</i>	<i>8.50</i>	<i>6.30</i>	<i>3.80</i>	<i>4.00</i>	<i>5.410</i>
TOTALS.....	<i>50.00</i>	<i>45.10</i>	<i>77.80</i>	<i>42.80</i>	<i>63.60</i>	<i>53.80</i>	<i>43.40</i>	<i>71.40</i>	<i>51.90</i>	<i>47.30</i>	<i>55.310</i>

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RAINFALL AT *Ullswater, Hallhead* 80

Lat. _____

Lon. _____

County of _____

Cumberland

Rain Gauge, by _____

Observer _____

A. Marshall, Esq.
Eden & Solway - 1.

Diameter	10							5			
Height	4.0							2.-			
Altitude	490 T							497 T			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	3.60	3.30	5.90	12.90	9.00	3.70	2.40	4.95	2.91	2.95	
February	7.10	3.70	6.50	9.00	7.30	8.40		3.42	.90	2.36	
March	2.40	4.40	4.50	2.60	6.50	4.10		1.80	3.38	2.39	
April	4.90	3.00	3.20	2.40	1.60	3.70	2.60	3.70	2.73	3.02	
May	1.30	4.00	3.50	1.90	1.80	3.20	6.30	1.75	3.41	4.22	
June	2.20	4.00	4.70	3.10	1.10	1.30	1.30	.27	1.29	.89	
July	5.20	4.10	7.50	3.80	6.90	1.40	5.20	3.82	6.36	4.24	
August	1.40	6.30	4.20	4.60	1.40	3.50	1.50	2.37	3.87	3.88	
September....	4.00	3.00	7.70	6.30	5.50	6.80	7.30	5.42	1.02	2.30	
October	2.40	2.60	3.70	6.20	3.80	7.50	7.20	2.53	7.76	7.20	
November....	7.40	8.60	7.20	8.40	3.20	2.80	5.00	3.90	9.17	2.00	
December	6.10	5.80	4.20	5.00	6.10	1.60	4.30	5.45	6.79	4.15	
TOTALS	48.00	49.80	63.50	64.20	54.20	48.00		39.40	49.59	39.60	

1886 Gauge leaky in February + March

RAINFALL AT *Hallitoads, Cumberland* (Gauge in Kitchen garden)

Observer *W. Thompson (gardener)*

Rain By

Gauge Diameter *5* in. Height above Ground *7* ft. Above Mean Sea Level *100* ft.

Eden & Solway - 1.

(a good deal higher than gauges A & B named below.)

YEAR.....				1894	1895	1896	1897	1898	1899	MEANS.
January.....					2.79	2.78	1.89	3.46	10.81	
February					-.75	3.51	4.77	6.33	6.65	
March					5.49	7.82	9.51	1.64	4.48	
April				<i>New</i>	3.37	2.52	2.97	5.59	4.15	
May				5.25	-.81	-1.44	2.35	2.80	4.59	
June				2.40	1.27	3.89	3.55	2.97	-.99	
July.....				3.32	6.16	3.73	1.64	1.70	4.88	
August				4.79	5.44	2.46	9.22	5.58	1.09	
September				-.38	2.00	7.85	5.43	2.19	6.12	
October				6.73	5.26	8.14	4.65	4.40	4.22	
November				10.42	9.16	2.00	5.91	6.72	10.18	
December.....				6.92	5.90	6.64	13.90	10.60	3.27	
TOTALS.....				—	48.40	51.80	65.79	52.98	61.43	

The gauge which has for some years, - I have not made out how long - been sent to Mr. Symons as "Hallitoads" was ~~in~~ what the gardener calls "in the Park", nearer to Old Church (which belongs to Hallitoads) than to the actual house Hallitoads, & I am not quite sure that the older records were of the same gauge.

(Says gauge A)

The gauge "in the Park" also was originally a 10ⁱⁿ diam. about 4 ft. high, but for this the late Mr. Arthur Marshall (who died Decr/93) substituted a 5ⁱⁿ diam. mounted 18ⁱⁿ above ground level, say gauge B

This latter gauge I entered on my monthly cards till Aug 1898.

In the mean time, ~~the~~ the gauge "in the Park" having once been tampered with, the gardener put in Hallitoads Kitchen garden an old 5ⁱⁿ gauge found among Mr. Arthur Marshall's things, ^{Says gauge C} & observes it daily. The above is its record.

Gauge B having broken down ^{completely} in Aug. 1898 I thought the best I could do was to use the record of C, though it is unmistakably greater than that of B

Stephen A. Marshall. 15 July 99

RAINFALL AT Ullowater Hallsteads

Lat. _____

Lon. _____

County of Cumberland

Rain Gauge, by _____

Observer A Marshall Esq

Eden & Selway - 1

Diameter	5										
Height	2 0										
Altitude	497T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	10.93	4.37	4.00	2.33	8.46	2.54	2.95	2.10	2.50		
February	1.30	.25	2.30	5.98	9.07	.45	3.51	4.45	5.90		
March	3.30	2.50	1.07	2.06	(4.20)	5.95	7.70	8.28	1.40		
April	1.31	3.40	1.37	.49	2.18	3.04	2.36	2.70	5.20		
May	3.10	2.60	3.80	1.65	4.95	.90	.45	2.34	2.60		
June	3.11	2.26	3.94	2.46	2.17	1.16	3.74	3.15	2.70		
July	3.30	3.91	2.78	3.69	3.28	5.40	3.77	1.43	1.65	#	
August	5.05	9.67	7.55	5.06	4.60	5.50	2.71	9.04			
September....	4.40	9.34	7.75	3.99	.34	2.10	5.70	5.20			
October	2.72	9.45	7.20	4.92	5.90	4.32	6.01	4.43			
November....	5.00	7.30	4.58	3.45	9.81	8.13	1.95	5.31			
December ....	.31	11.82	1.24	8.23	6.41	5.16	5.20	13.60			
TOTALS . . .	43.83	66.87	47.58	44.31	(61.37)	44.65	46.05	62.03			

1894 March Gauge tampered with, amount computed.

Letter from S.A. Marshall dated 14-12-96.

"The old gauge at Hallsteads having been tampered with in March 1894, the gardener (Thompson) started a new (5") gauge in the kitchen garden perhaps half a mile from the old one & a good deal higher up."

1898 Gauge broken down - New one in Kitchen garden

RAINFALL AT Ullswater Hallstead

Lat.

Lon.

County of Cumberland

Rain Gauge, by

Observer S. A. Marshall Esq

Eden - 1.

Miss J. Marshall

Diameter ..	5										
Height	20										
Altitude ..	497										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	6.44	4.20	4.03	10.68	8.98	3.51	13.65	1.48	5.74	6.15	6.486
February ..	6.65	1.96	2.08	11.23	5.88	4.17	3.85	4.66	4.59	3.65	4.872
March ....	.76	3.03	3.57	15.92	4.24	6.58	4.02	5.54	6.92	3.19	5.377
April	3.39	4.42	4.20	1.75	5.18	5.03	.99	2.25	3.37	2.58	3.326
May	4.72	1.91	3.45	5.24	4.30	1.63	7.50	7.74	3.15	2.06	4.170
June	3.92	2.94	1.35	1.84	2.39	2.32	1.24	8.94	2.54	3.17	3.065
July	1.80	1.80	3.29	3.60	2.58	1.18	3.49	2.18	3.93	5.28	2.933
August	7.36	3.94	2.08	7.20	4.64	5.33	4.84	8.54	7.48	3.11	5.452
September ..	3.71	3.77	3.07	5.86	2.34	5.00	1.43	.50	4.58	2.74	3.300
October	9.05	5.28	4.83	4.31	1.90	4.09	9.88	11.46	2.11	10.24	7.315
November ..	3.69	6.12	5.17	4.09	4.17	7.41	5.89	6.55	3.70	2.60	4.939
December ..	10.80	7.32	8.86	5.76	5.46	3.24	4.09	9.10	3.69	5.80	6.412
TOTALS ..	62.29	46.69	46.08	87.48	52.06	49.49	60.87	69.04	51.80	50.67	57.65

Hub

RAINFALL at Ullswater HallsteadsCounty of CumberlandObserver Mr C. MarshallRiver Basin Eden Solway 1Mr G. Grant (16)

Rain Gauge, by _____

Diameter ...	5											
Height	20											
Altitude ...	497 ⁵											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	6.75	1.89	8.23	7.66	6.40	5.32	10.34	2.32	2.55	4.53		
February ...	10.53	8.34	4.50	3.99	12.28	9.87	7.03	.98	6.52	.91		
March	5.32	2.46	7.07	9.71	6.30	2.02	3.48	2.27	1.83	4.46		
April	4.49	3.91	1.00	8.15	2.82	3.88	4.28	3.28	.83	3.38		
May	2.61	4.48	1.85	2.80	2.90	1.49	3.97	3.19	2.21	1.15		
June	1.68	4.72	6.11	3.32	2.01	1.13	3.13	3.47	1.91	2.21		
July	4.85	.85	4.42	.80	4.71	4.12	3.18	1.06	4.10	.98		
August	9.93	3.66	6.58	1.62	3.51	3.95	2.56	8.36	4.57	3.88		
September ..	.58	4.16	2.40	2.73	2.63	1.10	2.53	4.19	11.66	3.28		
October ...	3.08	6.01	5.10	4.80	1.29	.95	12.87	9.36	8.08	2.00		
November ...	5.12	9.14	5.19	6.90	10.30	1.57	9.35	5.71	5.04	4.10		
December ...	7.25	14.05	10.55	6.39	12.01	8.61	4.39	1.85	6.03	9.62		
TOTALS ...	62.19	63.67	63.00	58.87	67.16	44.01	67.11	40.04	55.33	39.50		

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

RAINFALL at Ullewater HallsteadsCounty of CumberlandObserver per Miss C. MarshallRiver Basin Eden-Schuy 1J. Grant for Mrs. Thomasson.

Rain Gauge, by _____

Diameter ...	5"										
Height	2 0										
Altitude ...	497										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...	7.76	10.62	5.25	4.72	5.63	8.10	8.83	7.20	13.75	1.48	11.48
February ...	5.85	17	5.43	10.12	1.03	8.05	5.00	2.54	6.18	.61	.51
March	9.18	9.30	4.22	3.09	1.00	2.67	2.57	5.38	5.57	.57	3.40
April	5.40	1.48	3.35	4.35	2.62	6.03	3.34	3.26	1.50	1.44	2.01
May	6.43	2.59	1.75	3.52	5.62	5.69	2.48	2.44	1.73	4.10	2.20
June	1.73	.21	2.41	.89	2.25	.25	4.58	3.98	6.90	1.42	2.65
July	6.13	2.60	6.18	2.79	6.05	1.76	4.83	4.90	4.11	5.25	5.19
August	2.48	6.02	3.32	11.04	3.82	4.23	5.90	7.93	8.68	4.64	9.57
September...	2.98	1.65	3.93	6.43	8.31	3.94	5.04	6.00	1.84	2.47	4.07
October	3.51	2.36	1.85	12.05	5.13	8.20	5.63	8.11	13.81	7.36	10.88
November...	5.37	2.07	2.44	7.14	4.96	1.96	11.33	4.53	11.12	11.39	6.46
December...	7.09	7.53	10.58	4.99	13.64	6.81	1.42	1.61	4.34	15.19	6.75
TOTALS...	63.91	46.90	50.71	71.13	60.06	57.69	60.95	58.48	78.73	55.92	65.17
					D	D		D	D	D	D

1929 Blowing 1' high gale.
upside 1' high

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
			Penrith	5 miles	NE.	Wattinslock	1 mile	N.W.

RAINFALL at Ullswater (Hallsteads)County of CumberlandObserver Mrs. F. ThomassonRiver Basin Eden & Solway - 1F.R. Can 22, (192)

Type of Gauge

Annual Average 5.7 in. based on 45 years obs. un-weighted. Period of average 1891-1915 Ref. 5

814682/27.

Diameter	5.										
Height	1.0.										
Altitude	497.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.65	11.49	8.33	9.06	2.92	7.65	9.15	8.81	9.32		
February	4.77	.13	5.67	.32	9.15	3.70	6.97	2.52	6.72		
March	1.05	3.95	4.26	3.61	1.37	2.80	2.87	2.41	5.03		
April	3.26	5.31	2.31	3.95	5.07	1.04	3.00	.66	2.28		
May	3.76	3.19	2.94	4.89	.75	1.63	2.54	3.77	.76		
June	6.15	2.69	2.16	2.29	5.02	2.86	2.35	7.61	3.81		
July	5.12	5.26	3.89	2.44	2.07	6.04	1.24	7.64	6.97		
August	3.63	1.77	2.97	5.24	2.23	1.80	3.18	3.35	4.14		
September	2.40	5.93	1.62	6.72	10.25	5.32	4.18	2.37	2.03		
October	3.10	8.48	5.02	10.15	9.91	5.59	4.70	15.49	3.97		
November	11.54	3.94	3.15	1.12	5.72	6.53	1.52	10.97	8.82		
December	3.67	8.16	.48	11.27	4.00	9.13	2.58	6.89	3.65		
TOTALS	54.10	60.80	42.80	61.06	58.46	54.09	44.28	73.49	57.50	N.R.	
	D.	D.	D.	D.	D.	D.	D.	D.	n.p.		

39 n.p. late

Observer left Hallsteads on the outbreak of war. He is now at Roseburg House, Garsbridge, Middletonham. T. L. d.

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
1931.			Remuddock	4 1/2 m	N.W.	Waternillock	1 1/2 m	N.W.