

Rainfall at Keswick

R

4124

Observer Croftshwaite

Gauge Inches Dis.

Above Sea Level

YEAR	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	MEANS.
January											0.54
February											9.04
March											1.32
April											3.92 4.24
May											2.08 3.66
June											3.69 7.06
July											6.38 5.28
August											5.08 3.46
September											7.14 7.27
October											1.75 8.09
November											3.28 6.10
December											1.98 8.18
TOTALS											72.24 72.08

C C

8-9 Dalton Bay

1788-89 daily values copied from original register XI-22.
correction made in June '89.

172

RAINFALL AT Keswick

From Meteorological Observations made by John Dalton
A.D. 1785

Observer Mr. Crosswhite

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

YEAR.....	1788	1789	MEANS.
January.....		8.54	
February.....		9.04	
March.....		1.32	
April.....	3.92	4.24	
May	2.08	3.06	
June	3.69	7.06	
July	6.38	5.28	
August.....	5.08	3.46	
September.....	7.14	7.27	
October	1.75	8.09	
November.....	3.28	6.09	
December.....	.98	8.18	
TOTALS	~	72.23	

Rainfall at Keswick

S Ym

Observer P. Crosthwaite

Gauge 8 inches Diet.

Above Sea Level

YEAR --	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	MEANS.
January --	5.94	11.36	4.50	5.71	5.71	1.25					
February --	4.01	9.22	4.94	9.65	11.17	5.21					
March --	1.32	3.12	9.63	5.32	6.44	4.75					
April --	2.52	3.32	11.65	1.79	5.40	5.75					
May --	3.46	4.00	6.52	1.84	3.26	2.66					
June --	5.11	2.01	2.71	4.04	1.64	3.26					
July --	6.25	8.21	3.86	2.64	2.57	1.95					
August --	5.85	5.89	5.97	8.85	3.13	6.43					
September -	8.39	2.77	10.62	2.88	8.12	1.09					
October --	6.13	7.13	6.74	6.22	9.44	12.82					
November -	5.06	8.72	5.83	3.41	6.89	11.74					
December -	10.90	7.80	11.64	7.34	8.00	10.60					
TOTALS -	64.74	73.55	84.61	59.69	71.77	67.57					
					44.75	57.81					

c c c c c

0-2 Dalton Essex

21604

3-4 From Men Vol ff4 p 382

1793 + 1794 original records gives 59.69 + 71.77 respectively as above.

1795 next ~~20~~ 2.20 above XI-22.

1790-95 daily values copied from original records XI-22.

29.80
33.8

4126

RAINFALL AT Keswick

From Meteorological Observations & Essays by John Dalton, p. 56.

Observer Mr. Coshwaister & Manchester Morning Vol. 18, P. 2, p. 582

Rain { By
Gauge Diameter, 8 in. Height above Ground, ft., in. Above Mean Sea Level 22.6 ft.

YEAR.....	1790	1791	1792	1793	1794					MEANS.
January.....	5.04	11.36	4.50	5.71	5.71					
February.....	4.01	9.22	4.94	9.65	11.17					
March.....	1.32	3.12	9.63	5.32	6.44					
April.....	2.32	3.32	11.65	1.79	5.40					
May	3.46	4.00	6.52	1.84	3.26					
June.....	5.11	2.01	2.71	4.04	1.63					
July	6.25	8.21	3.86	2.64	2.57					
August.....	5.85	5.89	5.97	8.85	3.13					
September.....	8.40	2.77	10.02	2.88	8.12					
October	6.13	7.13	6.73	6.22	9.44					
November.....	5.05	8.72	5.84	3.41	6.89					
December.....	10.90	7.80	11.64	7.34	8.00					
TOTALS	64.74	73.55	84.61	59.69	71.76					

RAINFALL AT BeswickMs in P.S. Library (1797-1802)Observer Allen.

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

YEAR.....	1797	1798	1799	MEANS.
January.....	7.23	6.35	4.98	
February.....	7.75	3.42	4.38	
March.....	2.19	2.41	2.89	
April.....	1.58	4.67	4.24	
May	5.89	2.28	3.54	
June.....	2.03	2.31	1.90	
July	6.33	7.04	4.23	
August.....	6.68	3.53	11.18	
September.....	7.81	9.08	6.42	
October.....	6.99	9.42	8.90	
November.....	6.04	8.01	7.69	
December.....	11.43	1.75	.53	
TOTALS	64.95	60.89	60.88	

RAINFALL AT KeswickMd. in R.S. Library (1797-1802)Observer Anon.

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

YEAR.....	1800	1801	1802						MEANS.
January.....	4.80	6.90	8.57						
February.....	1.62	7.20	5.58						
March.....	2.45	4.77	3.02						
April.....	9.23	2.18	5.12						
May	6.32	3.27	.41						
June.....	1.38	.50	5.83						
July	1.63	4.42	7.07						
August.....	1.40	4.6	5.52						
September.....	5.23	5.90	3.56						
October.....	9.83	9.19	9.04						
November.....	8.27	5.33	.53						
December.....	5.04	5.38	6.59						
TOTALS	97.20	53.50	60.78						

40

Ex. 96

Rainsall Reswick

J. Otley

J. Otley's Ms.

250

+ Sea level 250 ft

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -				2.11	6.70	4.85	6.43	5.11	3.08	4.11	11.03
February - -				4.06	4.12	2.73	1.00	4.84	2.07	10.28	2.26
March - - -				5.93	1.82	4.98	3.98	8.54	1.27	4.74	1.69
April - - -				.62	7.56	2.14	4.89	4.55	3.32	1.72	2.36
May - - -				3.24	2.51	.20	2.27	1.72	5.07	1.06	2.36
June - - -				3.65	4.39	3.95	4.03	4.71	3.62	5.04	1.03
July - - -				5.98	6.92	3.05	4.11	9.32	1.41	6.25	5.10
August - -				2.80	5.23	5.73	8.00	4.68	4.07	6.28	6.13
September -				2.72	.36	4.78	6.00	2.90	5.32	2.10	2.99
October - -				3.26	9.32	5.27	5.95	12.25	8.01	7.16	5.85
November -				4.26	4.78	8.15	2.84	7.14	6.47	11.42	6.70
December -				8.16	6.95	2.58	.11	8.60	2.59	8.82	10.97
TOTALS -	(57.20)	(69.00)	16.10	59.66	40.63	62.20	67.68	58.28	66.41	48.80	57.596

5-9 Phil Jr. 8-12

Verified throughout by J.O's Ms.

Rainfall at Keswick

Miller's Map No VII

Reservoir of Crosthwaite

Gauge

Above Sea Level ft

YEAR --	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -	2.94	15.21	14.64	11.73	7.66	1.02	3.12	4.79	4.46	11.17	7.674
February - -	8.58	4.91	7.05	1.60	3.14	.54	5.42	4.70	1.61	5.12	4.267
March - - -	1.27	3.71	.39	1.24	2.64	3.62	.54	5.08	3.46	9.51	3.146
April - - -	4.76	2.86	.55	4.62	1.18	1.68	2.18	2.16	2.25	4.87	2.711
May - - - -	2.72	2.20	4.58	1.16	4.49	1.07	3.29	2.26	4.50	.21	2.648
June - - - -	3.91	4.01	5.98	1.71	4.58	4.43	4.62	4.46	2.36	2.45	3.851
July - - - -	6.26	7.97	3.02	6.15	2.40	4.80	2.11	3.01	3.88	2.87	4.847
August - - -	7.21	4.74	6.70	4.07	3.31	4.09	4.20	1.79	2.78	5.47	4.436
September - -	3.23	3.96	3.55	4.17	2.15	1.22	4.89	4.35	9.28	9.35	4.615
October - -	5.58	7.21	4.96	7.49	5.34	9.53	4.29	3.04	7.51	3.83	5.878
November - -	8.97	2.19	9.48	5.52	3.40	3.63	1.58	3.92	1.53	6.59	4.681
December - -	4.10	3.57	19.07	4.9	6.53	2.27	11.31	9.32	6.65	5.45	6.856
TOTALS -	59.53	62.34	79.97	50.45	46.82	37.40	47.55	48.88	50.27	66.89	55.010

c c c c c c c c c c

Register kept by J. Oley until Dec 1851, afterwards with the same gauge and near the same spot by Mr. Crosthwaite
 1852 From Feb. 18 to April 26th only .442 believed to be unparalleled
 1852 from 8th = 2.82 ; Feb 3 1.84

1850 - Agrees with total in S. Marshall's table

1

2 Agrees with ppt by J. F. Miller

3

4

5

6

7

8

9 - Total agrees with ppt by S. Marshall, Kendal

RAINFALL AT KeswickObserver..... - Borthwick

Rain { By.....
 Gauge { Diameter..... 5 in. Height above Ground, 1 ft. in. Above Mean Sea Level..... ft.

YEAR.....					1865	1866	1867	1868	1869	MEANS.
January.....					10.70	5.96	9.95	8.82		
February					6.84	5.72	7.37	12.29		
March					4.95	3.57	7.59	6.44		
April.....					3.45	7.17	3.88	2.38		
May					7.07	1.03	2.89	2.82	2.19	
June.....					7.1	2.44	1.74	1.09	2.63	
July					3.15	5.20	6.17	.35	2.45	
August					5.20	7.09	2.59	7.14	2.24	
September.....					1.93	7.95	4.35	3.26	12.95	
October					6.68	3.57	6.39	5.36	3.91	
November.....					6.57	8.97	.92	2.72	10.90	
December.....					7.02	9.22	4.79	14.11	8.99	
TOTALS					71.41	52.20	65.64	70.39		

1869 Feb a slight leak found in the receiver.

Keswick

60

W. J. F. Crosthwaite

264 58

270 65

Gauge 8

6 ft + ground 64.68 245 ft + s l

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	11.14	4.21	6.38	11.79	4.59	4.20	10.45	5.97	9.95	8.95	7.783
February - -	3.22	9.30	1.92	4.06	3.25	3.83	6.99	5.70	7.46	12.73	5.846
March - - -	6.51	6.68	4.52	2.33	4.86	2.65	5.02	3.51	7.59	.58	4.425
April - - -	1.75	.91	5.67	4.27	2.37	.53	2.85	7.10	3.88	2.37	3.170
May - - - -	3.57	.55	3.86	4.20	2.05	6.93	1.04	2.09	2.02	2.24	3.015
June - - - -	4.83	3.15	6.47	4.26	3.81	.59	2.38	1.74	1.09	2.71	3.053
July - - - -	2.28	0.28	3.29	1.46	2.48	2.98	5.00	6.17	.35	2.48	3.477
August - - -	5.68	7.58	4.66	5.70	2.44	5.15	7.10	2.59	7.14	2.24	5.028
September - -	1.32	9.11	2.16	11.40	8.60	1.04	7.96	4.35	3.21	13.23	6.318
October - -	8.52	3.54	11.77	7.64	4.79	6.67	3.57	6.40	5.43	3.94	6.227
November - -	2.11	13.84	1.92	8.48	8.74	6.79	8.95	.92	2.72	11.26	6.573
December - -	3.74	7.27	8.75	5.95	4.70	7.02	9.30	4.80	14.08	9.27	7.488
TOTALS -	54.17	74.42	61.37	71.54	52.68	49.18	70.81	52.14	65.72	72.00	62.403

c c c c c c c c c c c c c

In a garden in the Town

1860 Agrees with pft by S. Marshall

1

2

3

4

5

6

7

7 Agrees with pft by S. Marshall

RAINFALL AT Keswick Post Office

Lat..... Lon..... County of..... Cumberland
 Rain Gage, by..... Observer W. G. Stothwaite

Diameter	8										
Height	6.4				6.6						
Altitude	270.										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	3.35	5.26	13.48	14.89	7.13	8.85	4.30	11.61	6.21	1.45	7.653
February	4.96	4.93	6.15	9.7	5.01	1.20	5.77	5.53	3.78	4.08	4.238
March	2.40	4.94	4.15	4.14	4.59	2.07	5.68	3.44	3.33	4.73	3.945
April	2.74	2.58	2.51	6.2	3.90	1.60	2.81	1.87	2.08	1.96	2.267
May	5.72	6.68	2.68	2.04	1.12	3.25	8.3	4.46	5.08	1.48	2.734
June	4.14	1.78	4.98	2.23	1.43	4.50	3.90	4.64	2.43	4.95	3.498
July	-	4.34	3.85	7.09	2.77	3.53	1.87	5.16	1.44	7.30	3.833
August	3.42	3.83	4.28	6.14	9.02	3.33	7.08	6.94	5.10	6.23	5.537
September	6.83	2.26	8.84	3.42	8.25	6.66	4.54	4.17	8.11	5.47	5.853
October	13.64	4.59	10.81	6.30	15.22	4.33	4.91	10.24	8.77	2.40	8.121
November	4.37	2.01	11.65	3.12	4.58	5.16	3.15	14.43	3.39	1.99	5.385
December	2.72	8.98	9.79	4.03	4.01	6.44	9.67	6.63	2.53	5.98	6.078
TOTALS	55.27	46.48	83.15	54.99	67.03	50.92	54.51	79.12	52.25	48.02	59.144

C C C

1877 Nothing nearer than about 20 yds

RAINFALL AT Keswick Post Office B.A.

Lat..... Lon..... County of Cumberland
..... Rain Gauge, by..... Observer Mr. Crosthwaite

Diameter5
Height	/
Altitude	270.	265	.
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879 MEANS.
January.....	3.35	4.93	11.62	13.96	6.94	8.51	3.81	10.76	5.77	1.40 7.105
February.....	5.96	4.70	5.37	9.99	4.91	1.25	5.32	5.18	3.69	4.10 4.141
March.....	2.36	4.50	3.82	3.79	4.57	2.02	5.42	3.23	3.21	4.71 3.763
April.....	2.71	2.57	2.54	6.66	3.68	1.58	2.54	1.94	2.09	1.95 2.226
May.....	5.56	6.67	2.74	2.05	1.17	3.32	7.79	4.13	5.14	1.48 2.705
June.....	4.10	1.73	4.99	2.27	1.47	4.24	3.34	4.72	2.46	4.95 3.427
July.....	-98	4.49	3.80	7.15	2.82	3.41	1.82	5.18	1.46	7.18 3.829
August.....	3.33	3.67	4.25	6.15	9.13	3.10	6.59	6.85	5.10	6.10 5.424
September.....	6.82	2.20	8.89	3.44	8.19	6.38	4.45	4.14	7.99	5.39 5.789
October.....	+12.44	4.48	9.74	6.12	14.76	4.42	4.73	9.96	8.30	2.40 7.735
November.....	4.21	1.84	10.17	3.09	4.40	5.40	3.04	13.93	3.46	1.99 5.152
December.....	2.62	8.13	8.41	3.65	3.85	5.90	9.28	6.38	2.52	5.83 5.657
TOTALS.....	54.43	43.91	76.31	53.26	65.89	49.53	51.13	76.40	51.19	47.48 66.956

RAINFALL AT Newick Post Office**80**

Lat. _____

Lon. _____

County of

~~Town~~ Cumberland

Rain Gauge, by _____

Observer

Mr Crosthwaite

Derwent - 2

Diameter	8											
Height	6.4											
Altitude	290T											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	1.91	1.79	5.35	12.85	11.74	4.45	7.63	5.30	3.25	3.48	5.675	
February	7.74	4.62	7.43	10.18	8.69	12.00	1.61	4.36	.61	3.22	6.046	
March	2.52	4.44	5.75	3.84	7.36	5.00	5.46	1.70	4.32	2.94	4.333	
April	4.36	9.65	3.9	2.99	1.54	4.69	4.19	3.41	2.86	2.66	3.805	
May	2.00	4.90	2.61	2.64	5.66	3.04	4.31	2.35	3.93	3.26	3.470	
June	3.68	4.76	5.23	3.84	1.32	1.92	1.30	.39	.90	.66	2.400	
July	4.85	5.22	9.23	5.01	7.07	2.39	5.14	3.89	6.99	2.95	5.274	
August	1.18	7.71	4.60	5.54	2.50	3.82	2.26	2.32	4.01	6.11	4.005	
September	6.68	2.50	4.39	7.35	7.01	8.61	8.89	6.04	1.37	3.68	5.647	
October	3.36	3.77	4.12	9.18	3.74	8.97	7.76	3.58	7.27	6.18	5.793	
November	10.10	10.68	10.59	9.50	3.28	3.60	6.71	4.48	10.52	3.09	7.265	
December	7.48	6.16	4.88	7.32	8.61	3.02	7.86	6.01	8.08	5.99	6.541	
TOTALS	55.81	56.51	60.67	80.24	68.52	61.57	63.12	43.63	54.11	44.22	59.754	

RAINFALL AT Keswick Post-Office **80**

Lat.

Long.

County of Cumberland

Rain Gauge, by

Observer Mr. Crosthwaite

Derwent - 2

Diameter	5										
Height	1.0										
Altitude	2657										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.84	.79	5.20	11.25	10.46	4.23	7.37	4.69	3.18	3.33	5.234
February	7.33	4.31	6.78	8.89	8.09	11.73	1.52	4.32	.54	3.10	5.661
March	2.42	4.44	5.50	3.61	6.89	4.74	5.29	1.65	4.17	2.85	4.172
April	4.26	1.03	5.14	2.97	1.53	4.56	4.00	3.30	2.80	2.58	3.217
May	2.00	4.85	2.59	2.63	5.37	3.00	4.26	2.31	3.80	3.15	3.395
June	3.78	4.74	5.48	3.74	1.17	1.89	1.33	.39	.88	.65	2.405
July	4.77	5.06	9.20	4.84	6.91	2.32	5.17	3.88	6.80	2.87	5.182
August	1.25	7.50	4.40	5.19	2.40	3.69	2.29	2.27	3.75	5.91	3.865
September	6.45	2.38	4.30	6.92	6.84	8.42	8.82	5.99	1.24	3.68	5.513
October	3.04	3.78	4.00	8.58	3.44	8.62	7.72	3.48	6.88	5.99	5.553
November	9.23	0.60	9.75	8.91	3.15	3.41	6.48	4.38	9.92	2.81	6.865
December	7.08	5.88	4.07	6.39	8.09	2.93	7.72	5.39	7.68	5.82	6.165
TOTALS	53.45	55.36	57.27	73.92	64.34	59.54	61.96	42.05	51.64	42.74	57.22?

1881. Crosthwaite $\frac{3}{4}$ mile N.N.W.
 House 2 stories 40 yards SW
 1883 gauge leaky.

RAINFALL AT Keswick Bank

Lat.

Long.

County of Cumberland

Rain Gauge, by

Observer

J. F. Crosthwaite Esq

Derwent - 2

Diameter	8									
Height	6 4									
Altitude	270 T									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899
January	11.31	5.00	3.92	2.92						
February	1.21	.50	2.60	7.48						
March	3.53	2.54	1.82	2.39						
April	1.59	2.52	1.06	.62						
May	2.88	3.59	4.53	2.33						
June	4.70	1.39	3.83	3.49						
July	4.83	4.10	2.87	5.23						
August	5.73	11.96	8.39	6.07						
September	6.26	10.46	8.69	4.91						
October	3.46	11.42	7.89	6.56						
November	12.24	6.70	4.95	4.16						
December65	14.08	2.56	9.50	#					
TOTALS	5848	74.26	53.11	55.66						

RAINFALL AT Keswick Bank

Lat.

Lon.

County of Cumberland

Rain Gauge, by

Observer

Derwent - 2.

J. F. Crosthwaite Esq
G. W. Noughton Esq

Diameter	5										
Height	10										
Altitude	2657										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	11.01	4.80	3.72	2.64	9.60	3.35	3.20	1.20	4.48	10.26	5.1126
February	1.14	.50	2.46	7.19	11.92	.93	3.27	4.49	5.37	4.98	4.225
March	3.42	2.45	1.73	2.36	3.95	5.00	7.96	8.02	1.68	3.55	4.012
April	1.54	2.46	1.00	.61	1.99	2.25	2.97	2.82	4.55	4.70	2.4189
May	2.77	3.46	4.40	2.28	4.05	1.31	.74	2.43	3.17	4.37	2.898
June	4.62	1.33	3.77	3.41	2.96	.81	3.91	4.38	2.92	.75	2.886
July	4.75	3.97	2.78	5.14	3.24	6.64	4.16	2.49	1.13	3.21	3.1751
August	5.61	11.75	8.26	6.05	6.24	6.92	3.25	8.92	5.88	1.96	6.484
September	6.14	10.30	8.31	4.86	.66	1.43	7.81	6.16	2.14	8.80	5.661
October	3.35	10.95	7.26	6.55	5.80	6.34	8.29	4.34	5.69	6.87	6.0344
November	11.90	6.38	4.69	4.01	10.54	7.99	1.84	7.00	7.84	9.65	9.1824
December64	13.60	2.46	9.08	7.28	5.35	5.67	11.35	11.52	3.12	9.0097
TOTALS	56.89	71.95	50.84	54.18	68.23	48.32	53.07	63.60	56.37	62.22	58.5679

1892 Crosthwaite Church 3/4 Mile NW 1890 —

RAINFALL AT Keenwick Bank

Lat.

Lon.

County of Cumbria

York City & County Boundary Co. Ltd.

Rain Gauge, by

Observer Mr R.W. Mayson

Derwent - 2.

Diameter ..	5										
Height	1.0										
Altitude ..	2657										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.27	3.96	4.12	10.70	7.14	3.00	8.85	2.28	5.97	6.65	5.894
February ..	6.54	1.67	1.91	9.45	5.13	3.83	4.10	3.46	4.39	4.39	4.487
March	4.44	4.58	2.91	12.98	3.89	5.79	4.02	6.06	5.96	4.23	5.036
April	3.01	3.56	3.87	1.48	5.10	4.81	1.36	2.65	1.86	3.84	3.107
May	3.62	1.37	2.53	2.56	3.80	2.14	6.24	4.86	3.14	1.88	31.64
June	4.43	2.65	1.23	1.59	2.10	2.98	1.77	6.73	2.95	3.18	2.961
July	2.01	1.14	2.72	4.37	3.28	1.57	2.82	1.83	3.88	6.22	2.984
August	6.83	4.69	1.65	8.10	5.14	4.65	5.16	4.93	7.52	4.01	5.268
September ..	4.97	3.45	3.70	5.74	2.23	4.32	1.56	.86	5.02	2.97	3.452
October ...	6.38	5.60	5.30	11.90	3.10	4.31	8.07	8.06	2.39	12.27	6.738
November ..	4.58	6.16	3.81	3.46	4.18	6.13	4.84	5.34	4.86	2.98	4.634
December ..	11.73	6.27	9.19	4.53	6.73	3.34	4.03	8.68	4.84	8.43	6.777
TOTALS ..	60.81	45.10	42.94	76.86	50.85	46.87	52.82	55.44	52.78	60.55	54.502 374 ✓ Hub

St John Church $\frac{1}{4}$ mile SKeenwick Station $\frac{1}{4}$. E

Trees 10 ft high 18 ft N

Wall 7 - 20 . S

Crossthwaite Ch $\frac{3}{4}$ mile N

RAINFALL at Keswick The Bank

County of Cumberland

Observer Mr R. Mayson

River Basin Derwent 2

Mr F.C. Furlong

Mr Andrew Campbell 1914

Rain Gauge, by

Diameter ...	5										
Height	1.6										
Altitude ...	2657										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.03	3.21	4.46	6.09	4.21	5.75					
February ...	10.03	6.64	3.39	4.38	9.25	9.14					
March	4.90	1.85	6.44	6.91	6.15	2.25					
April	3.84	4.46	.85	6.56	2.44						
May	3.08	4.79	1.89	1.75	2.40						
June	1.91	6.21	5.64	3.52	1.55						
July	5.53	.96	5.29	.93	3.69						
August	8.85	3.69	5.86	2.16	3.29						
September ..	.73	3.65	1.83	2.42	2.40						
October ...	3.67	6.10	6.26	4.48	1.43						
November ...	4.47	7.36	5.55	6.24	8.29						
December ...	7.99	12.53	9.07	5.67	10.64						
TOTALS ...	60.53	61.45	56.53	51.11	55.63						
	7	0	0	0	0						

1914 Trees 60 ft high 15 ft W
Wall 8. . 10. E

xii. 11. Slight leakage - new gauge.

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Keswick	500 yds	N	Crookwater	1000 yds	W

RAINFALL at Keswick The Bank

County of Cumberland

Observer Mr A Campbell

River Basin Derwent 2

Snowdon Rain Gauge, by Hicks

new glass supplied 1912

New Gauge

Diameter ...						5				
Height						1.6				
Altitude ...						265				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...						(5.81)	7.33	2.65	7.05	5.69
February ...						9.51	6.08	1.22	8.30	.90
March						2.29	2.04	2.93	2.11	5.03
April						3.44	5.08	3.12	1.39	3.34
May						91	3.54	3.17	1.82	2.99
June.....						1.41	3.58	3.13	1.85	3.22
July						4.10	5.34	1.33	4.35	1.49
August.....						2.67	3.39	9.51	5.26	4.27
September ..						96	2.65	6.03	13.67	4.68
October ...						89	13.28	9.93	9.66	2.01
November..						2.47	9.21	6.18	5.74	3.92
December...						10.40	5.22	2.57	6.97	8.69
TOTALS ...						44.86	66.74	51.67	68.17	46.03
						7	3	2	2	"

1915 Stonewall 8 ft high 8 ft E
Shrubbery W new.g. alongside sec.

Inspected H.b. 26.3.20. Somewhat sheltered by trees & rose bushes
on North-East. Observer from 10 m. above 35 ft. Went to good
position on edge of lawn.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Keswick	600 yds	NE	Crosthwaite	1000 yds	W

RAINFALL at Keswick The Bank

County of Cumberland

Observer M. W. E. Campbell

River Basin Derwent 2

Snowdon Rain Gauge, by Isachsen
Camden measure, 1/2".

Diameter ...	5"										
Height	1 3										
Altitude ...	265										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	7.68	10.80	5.10	4.36	6.52	7.16	9.62				
February ...	6.37	30.55	5.56	8.01	8.6	7.55	6.55				
March	9.70	11.40	3.92	2.13	1.04	2.46	3.09				
April.....	3.80	1.47	2.69	3.21	2.92	6.76	3.98				
May	7.51	3.37	2.18	4.32	5.02	6.36	3.26				
June	2.35	3.6	2.97	1.83	2.66	27	4.97				
July	5.68	3.94	6.40	3.48	7.15	2.04	4.74				
August	2.54	6.85	4.35	12.55	4.20	4.22	5.53				
September...	2.60	2.55	3.55	7.45	9.73	5.46	5.79				
October.....	2.88	4.10	2.02	11.77	4.91	6.96	4.73				
November...	4.87	2.70	2.47	7.96	4.36	2.27	9.14				
December...	5.62	9.36	9.36	5.34	13.51	6.28	1.36				
TOTALS...	61.60	57.29	50.57	72.41	62.88	57.79	62.76	675.578	1/26.		

1920 Gauge Inspected - H.G. 26.VIII.20. See Cast sheet

From 16 more 1.26. 38 ft. W.

During 1920 Rainfall 6 ft. 4 in. above N.W.
1921 > > > > >Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			Keswick	600yds	N.E.	Crosthwaite	1000yds	W.
1921			>	450>	N.W.	St John	300>	S.E.