

RAINFALL at Borrowdale (Seathwaite)

County of Cumberland, Observer F. Bainbridge for M.O.

River Basin Derwent - 2.

Type of Gauge

Annual Average 129.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. & N.

820297/28.

Diameter	4										
Height	0.9										
Altitude	422										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	11.25	18.32									
February	13.75										
March	1.60										
April	5.90										
May	6.95										
June	11.75										
July	15.90										
August	7.20										
September	7.95										
October	9.75										
November	22.76										
December	13.65										
TOTALS	128.41	imp	#								

1931. h/p. leaking.  
1932 gauge leaking & removed.

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	Direction	Parish Church.	Distance	Direction
				from gauge			from gauge	

RAINFALL at Borrowdale (Seathwaite) garden *old gauge*

County of Cumberland Observer F. Bainbridge for M.O.

River Basin Derwent - 2.

Type of Gauge.....

Annual Average 122.0 in. based on 35 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. A.W. Sheet.

820297/28.

Diameter .....	5.										
Height .....	1.6.										
Altitude .....	423.										
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January .....	12.50	22.74	16.50	20.50	13.00	16.00	22.00	20.00	16.25	(21.85)	12324
February .....	14.05	.00	(15.75)	2.50	(25.50)	6.50	19.00	6.75	21.00	(8.75)	114984
March .....	1.75	9.90	(8.50)	7.75	(3.50)	8.75	(5.00)	11.50	11.50		8330
April .....	6.10	11.25	5.00	6.50	8.25	2.60	7.75	2.00	(6.50)		10575
May .....	7.15	7.50	4.50	11.75	1.25	2.00	(3.10)	11.75	(1.50)		4515
June .....	12.06	5.25	4.00	6.00	9.00	(8.00)	8.75	13.75	12.00	(1.75)	4745
July .....	16.25	10.50	10.00	4.00	7.25	15.50	7.75	21.00	14.00	(11.50)	3725
August .....	7.50	(7.25)	7.00	15.00	8.50	5.00	6.00	8.75	4.00	(7.75)	5306
September .....	8.50	(17.00)	2.00	16.25	18.00	12.00	11.00	7.50	4.50		6850
October .....	10.30	19.00	9.00	21.00	24.50	15.50	6.00	29.25	4.75		7125
November .....	23.10	10.00	3.00	5.00	14.50	17.00	4.50	20.50	25.00		10150
December .....	14.50	27.25	4.00	21.50	8.00	19.25	8.15	10.75	5.00	(15.00)	5625
TOTALS .....	133.76	147.64	89.25	137.75	(141.25)	128.10	(109.00)	163.50	126.00	(112.10)	6925

1932. Aug & Sept. adjusted by surrounding stations.  
1933. Feb & March allocated by near stations.  
18/1/35 Extract from acceptance form - Outer case of gauge leaking, Needs repair.  
1939 April & May adjusted for date of reading. Dec. The old gauge is rusted through.

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



RAINFALL at Borrowdale (Seathwaite) garden new.g.

County of Cumberland Observer F. Bainbridge for M.O.

River Basin Derwent - 2

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average..... Ref.....

820297/28

Diameter ....								5			
Height ....								1 0			
Altitude ....								423			
Year ....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January ....			123.24					# 18.00	15.50	(2.85)	15959
February ....			83.30					6.50	19.75	8.75	11830
March ....			45.15					10.25	10.75	15.75	8190
April ....			47.45					1.75	(6.25)	4.75	6020
May ....			37.25					11.50	1.25	1.75	5175
June ....			53.06					13.25	11.75	1.75	7981
July ....			71.25					20.00	13.50	11.50	11625
August ....			56.25					8.50	4.75	7.75	7725
September ....			84.75					7.25	5.00	(13.50)	11050
October ....			105.30					28.00	4.50	14.50	15230
November ....			77.10					19.50	23.50	14.25	13435
December ....			102.65	* tip from Old gauge.				10.00	5.00	15.00	13265
TOTALS ....			886.75					154.50	121.50	(112.10)	127485

1938 w/ir check gauge.

1940. Sept. gauge had been tampered with.

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

RAINFALL at Borrowdale (Seathwaite) Field

County of CumberlandObserver F. Bainbridge, for M.O.  
Min C. Marshall

River Basin Derwent - 2

Type of Gauge.....

Annual Average <sup>122.4</sup>~~125.3~~ in. based on 42 years obs. un-weighted. Period of average 1881-1915 Ref. 5

820297/28.

Diameter .....	<u>5.</u>										
Height .....	<u>1.0.</u>										
Altitude .....	<u>423.</u>										
Year .....	<u>1931</u>	<u>1932</u>	<u>1933</u>	<u>1934</u>	<u>1935</u>	<u>1936</u>	<u>1937</u>	<u>1938</u>	<u>1939</u>	<u>1940</u>	Means
January .....		18.51	16.00	20.75	13.25						
February .....		.00	(15.50) <del>(12.80)</del>	2.60	25.50						
March .....		9.19	(8.25) <del>(23.75)</del>	7.80	3.50						
April .....		10.50	5.00	6.50	8.50						
May .....		7.25	4.50	11.80	(1.25)						
June .....		5.00	4.00	6.25	9.00						
July .....	15.80	9.25	10.00	4.00	7.50						
August .....	7.15	(7.25)	7.00	15.25	8.75						
September .....	7.50	(16.25)	2.00	17.00	18.25 <sup>#</sup>						
October .....	10.10	18.75	9.00	21.50	(25.00)						
November .....	22.80	9.75	3.00	5.25	(15.00)						
December .....	14.20	27.25	4.00	(21.50)	(8.00)						
TOTALS .....	<u>Imp</u>	138.95	88.25	(140.20)	(143.50) <u>mp</u>						

1931. h/p. Jan. gauge burst. June gauge mended.  
1932. Aug. & Sept. adjusted by surrounding stns.  
1933 Feb & March allocated by near stations  
1935 not printed in view of estimates — no records received after Oct 1935  
when Mr. Bainbridge reported that this gauge required replacement.

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