

## RAINFALL AT Kirkleesbank Pass.....

Observer... Jas Thompson.....

Rain { By.....

Gauge ..... in.

Height above Ground, 1 ft. in.

Above Mean Sea Level..... ft.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....								14.75	29.00		
February .....								9.25	12.00		
March .....								4.00	11.00		
April .....								10.50	6.00		
May .....								3.50	4.75		
June.....								2.00	1.75		
July .....								6.50	1.00	#	
August.....								6.25			
September.....								7.33			
October.....							#	7.25	9.90?		
November.....								12.00	2.30?		
December.....								13.50	6.12?		
TOTALS .....								75	(8240)		

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## RAINFALL AT Hinkslane Pass

Observer.....

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

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....											10.25
February .....											13.48
March .....											3.41
April.....											5.51
May .....											3.99
June.....											3.62
July .....											4.87
August.....											2.57
September....											15.18
October .....											6.79
November.....											14.58
December.....											13.04
TOTALS .....											97.29

1869 Jan. 17<sup>th</sup> 3.75 in 23 hours.

## RAINFALL AT Kirkstone Pass

Lat. .... Lon. .... County of Westmoreland  
 Rain Gauge, by Observer G. J. Syme Esq.

Diameter .....	.5										
Height .....	1										
Altitude .....	1500										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS
January.....	9.70	7.79	19.16	18.43	19.72	23.82	8.00	17.25	13.05	2.68	13.960
February.....	10.95	17.74	11.50	1.50	6.45	4.30	11.49	13.54	7.52	5.40	9.039
March.....	3.37	7.81	9.57	3.82	10.16	2.84	10.94	6.01	6.98	7.95	6.945
April.....	3.66	7.20	3.58	1.26	4.73	3.02	4.53	3.32	4.63	5.44	4.137
May.....	9.22	2.50	4.75	5.26	3.02	5.29	1.79	6.71	7.98	3.87	5.039
June.....	4.09	4.17	10.25	7.17	3.75	8.02	6.72	7.49	5.30	10.52	6.448
July.....	7.96	11.05	6.91	18.04	5.40	6.09	4.10	15.96	1.64	11.78	7.493
August.....	2.42	8.19	8.23	13.29	14.01	7.54	8.03	5.92	10.03	9.64	8.430
September.....	10.40	6.98	14.44	7.46	12.50	10.84	7.86	4.51	10.88	8.20	9.407
October.....	10.47	11.84	11.70	9.24	22.66	10.60	6.51	19.10	9.39	7.18	11.919
November.....	8.73	4.57	10.96	11.35	9.33	10.07	7.04	18.70	2.63	4.32	8.440
December.....	6.67	8.37	16.08	11.28	3.60	9.67	13.75	12.56	4.35	5.87	9.220
TOTALS.....	82.14	93.21	127.19	103.10	115.33	102.10	90.76	131.07	84.38	82.85	101.707

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## RAINFALL AT Kirkstone Pass

Lat.

Lon.

County of Westmorlands

Rain Gauge, by

Observer M<sup>r</sup> J. Nicholson

Large Gauge

Diameter...											
Height ...											
Altitude ...											
Year ...	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January .....						23.75					
February.....						4.25					
March.....						2.75					
April .....						3.25					
May .....						5.25					
June .....						8.00					
July.....						6.00					
August .....						7.50					
September ..						11.50					
October .....						10.50					
November ..											
December ..											
TOTALS ..											

1875 The large gauge is out of order in fact it always will be or any other made of the same material 1874 No record of the large gauge but it generally registered rather less than the small one.

## RAINFALL AT Kirkstone Pass

*Lat.*.....

Lon..... County of Westmoreland

..... Rain Gauge, by..... Observer .....

## RAINFALL AT Purkelone Pass

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*Lut.* \_\_\_\_\_

London.

County of Westmoreland

*Rain Gauge, by—*

Observer G. L. Symons, F.R.S.

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Diameter ....	5										
Height .....	1.0										
Altitude ....	1500 T										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	2.64	1.12							8.68		
February .....	5.80	8.89	14						5.74		
March .....	5.74								3.92		
April .....	4.00								3.94		
May .....	2.45								3.61		
June .....	9.43								1.06		
July .....	7.92								4.86		
August .....	2.87								4.14		
September .....	5.30								9.59		
October .....	1.12								6.97		
November .....	16.41								5.83		
December .....	11.66								9.71		
TOTALS .....	75.34								68.05		