

Stonyhurst Observatory

40

YEAR - -							1848/1849 MEANS.
January - -							1.90 7.39
February - -							9.35 3.94
March - - -							3.67 1.23
April - - - -							2.30 1.43
May - - - -							1.80 2.00
June - - - -							7.50 2.37
July - - - -							7.50
August - - -							6.72
September -							3.62 4.49
October - -							5.19 4.53
November -							4.80 5.76
December -							4.05 3.30
TOTALS -					30.69	38.88	48.04 50.66

Pencil - Grosley's

C C C C

RAINFALL AT Tonyhurst College
Lancashire

Observer Rev S J Perry

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

YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....											1.80 7.02
February.....											8.88 3.75
March.....											3.50 1.17
April.....											2.19 1.36
May											1.71 1.90
June.....											7.12 2.25
July											4.04 7.12
August											6.65 6.39
September.....											3.44 4.26
October											4.93 4.30
November.....											4.56 5.47
December.....											3.85 3.14
TOTALS											52.67 48.13

From the corrected table given in the "Results" for 1878

RAINFALL AT *Stonyhurst*

Observer.....

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

YEAR.....							1848	1849	MEANS.
January.....									
February							1.80	7.00	
March							8.90	3.70	
April.....							3.50	1.10	
May							2.20	1.30	
June.....							1.70	1.90	
July							7.10	2.30	
August.....							3.80	7.10	
September.....							6.60	6.00	
October							3.40	4.00	
November.....							4.90	5.00	
December.....							4.60	5.20	
TOTALS							3.90	3.00	
							52.40	47.60	

Stonyhurst Observatory

Ms. Pet. No. 191

Circular Area 100²; 0.0 + ground; 381 ft + s.t.

YEAR --	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January --	3.86	6.17	7.51	4.88	3.77	1.27	2.65	4.08	3.97	4.00	4.216
February -	6.65	3.49	8.10	1.28	4.35	.88	6.17	2.84	.32	3.89	3.797
March ---	1.54	3.61	.87	1.69	2.24	3.13	.49	3.23	2.92	6.53	2.575
April ----	4.32	1.20	.50	3.70	1.14	2.71	2.87	2.05	2.96	4.17	2.562
May -----	1.58	1.46	2.82	.29	2.69	1.95	3.24	2.53	3.64	.26	3.046
June -----	3.26	5.69	3.84	4.56	2.91	5.15	5.68	6.91	1.96	3.15	4.311
July -----	4.59	5.68	3.45	7.29	2.56	4.90	3.61	4.29	3.95	1.92	4.224
August---	6.08	5.86	5.66	3.08	4.43	2.88	5.12	4.27	3.57	6.25	4.720
September -	2.56	1.99	4.81	4.16	5.01	1.72	4.12	3.02	6.10	7.67	4.116
October --	5.13	6.52	6.11	4.12	4.17	9.48	1.40	2.20	6.42	3.54	4.909
November -	7.56	2.38	6.65	3.32	4.75	1.22	2.43	1.77	2.53	3.05	3.566
December -	3.02	1.77	8.64	.80	8.72	1.91	6.39	4.10	4.78	3.13	4.326
TOTALS -	50.15	45.82	58.46	39.17	46.74	37.20	44.17	41.29	45.12	47.56	45.368

Circular Area = 37,809

Correlated on next sheet. See next 10 yrs Bl.

RAINFALL AT *Stonyhurst College*
Lancashire

Observer *Rev. S. J. Perry*

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.....	3.67	5.86	8.15	4.64	3.58	1.21	2.52	3.90	3.80	3.79	
February.....	6.32	3.32	7.69	1.21	4.13	.83	5.86	2.71	3.1	3.72	
March.....	1.46	3.43	.35	1.61	1.82	2.98	.46	3.09	2.79	6.25	
April.....	4.07	1.14	.48	3.51	1.08	2.58	2.73	1.96	2.83	3.99	
May	1.78	1.38	2.68	.28	2.55	1.85	3.08	2.43	3.48	.25	
June	3.09	5.40	3.65	4.33	2.77	4.85	5.40	6.53	1.85	3.02	
July	4.36	5.40	3.28	6.92	2.43	4.65	3.43	4.10	3.78	1.83	
August.....	5.78	5.57	5.37	2.93	4.21	3.13	4.86	4.08	3.38	5.97	
September.....	2.43	1.89	4.39	3.96	4.75	1.63	3.91	2.89	5.83	7.33	
October	4.88	6.19	5.80	3.91	3.96	8.99	1.33	2.11	6.14	3.39	
November.....	7.19	2.26	6.32	3.16	4.51	1.16	2.31	1.69	2.42	2.91	
December.....	2.87	2.26	8.21	.76	8.29	1.82	6.07	3.92	4.56	2.99	
TOTALS	47.90	44.0	56.37	37.37	22.44	40.83	56.47	41.96	39.44	41.17	45.44

From the corrected table printed in the "Results for 1878"

RAINFALL AT *Stonyhurst**Corrected values -*

Observer.....

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

46.7

YEAR.....	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January.....	3.70	5.90	8.10	4.70	3.60	1.20	2.60	3.80	3.80	3.80	41.20
February	5.60	3.30	7.70	1.20	4.10	.90	5.80	2.70	3.30	3.70	35.30
March	2.00	3.40	.40	1.60	1.80	2.90	.50	3.00	2.80	6.20	24.60
April.....	3.90	1.10	.40	3.50	1.00	2.60	2.70	2.00	3.80	4.00	25.00
May	1.70	1.40	2.70	.30	2.60	1.90	3.10	2.40	3.40	.30	19.80
June.....	3.40	5.40	3.60	4.40	2.80	4.80	5.90	6.60	1.80	2.90	41.10
July	3.50	5.40	3.50	6.90	2.50	4.70	3.40	4.10	3.80	1.80	39.60
August.....	5.70	5.60	5.40	2.90	4.20	3.10	4.90	4.10	3.40	6.00	45.30
September....	2.50	2.20	4.40	4.00	4.70	1.60	3.90	2.80	5.80	7.30	39.20
October.....	4.80	6.20	5.80	3.90	4.00	9.00	1.40	2.10	6.10	3.30	46.60
November.....	7.10	2.30	6.30	3.10	4.60	1.10	2.30	1.70	2.40	2.00	33.70
December.....	3.70	2.20	8.20	.80	8.30	1.80	6.10	4.00	4.60	2.90	42.60
TOTALS.....	47.60	44.40	56.50	37.30	44.20	35.60	42.10	39.30	42.00	45.00	434.00

**RAINFALL AT Stonyhurst College
Lancashire**

Observer Revd L J Perry

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

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	5.02	1.03	3.87	6.06	3.16	3.93	6.02	4.25	3.67	3.71	
February.....	1.73	3.80	1.18	2.58	4.41	3.47	5.10	4.16	4.19	8.81	
March.....	5.83	6.50	4.50	2.18	3.53	2.20	2.40	1.39	6.08	1.38	
April.....	1.66	1.32	4.22	2.39	1.70	2.10	1.05	5.67	2.15	2.80	
May	3.97	1.36	5.00	3.77	2.80	4.98	1.98	2.00	1.54	3.44	
June	6.15	2.18	4.68	4.87	4.98	6.66	4.65	2.05	7.02	2.06	
July	1.73	5.08	5.24	1.91	2.15	3.07	5.93	5.19	.67	1.05	
August.....	6.08	5.98	4.66	5.48	3.13	5.53	5.88	3.36	4.34	3.91	
September.....	3.29	5.59	3.54	7.67	4.18	1.01	9.29	4.72	2.41	9.64	
October	7.43	2.83	7.63	6.06	2.30	6.40	2.81	5.12	6.52	4.01	
November.....	2.68	8.25	2.47	7.36	4.95	3.83	9.03	2.07	3.82	8.03	
December.....	3.34	2.83	4.66	5.27	2.75	1.62	8.04	4.99	9.04	5.87	
TOTALS	48.9	46.75	51.85	55.60	40.04	38.80	62.18	44.97	45.13	54.61	

From the corrected table printed in the 'Results' for 1878

RAINFALL AT Stonyhurst

(Corrected sheet)

Observer.....

Rain { By.....
 Gauge { Diameter..... in.

Height above Ground,.....ft.....in.

Above Mean Sea Level.....ft.

467

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	4.90	1.00	3.90	6.00	3.10	3.90	6.00	4.30	3.10	3.70	40.40
February	1.70	3.80	1.20	2.60	4.40	3.30	4.90	4.20	4.20	8.80	3.910
March.....	5.80	6.50	4.60	2.20	3.50	2.20	2.40	1.40	6.10	1.40	3.610
April.....	1.60	1.30	4.30	2.40	1.70	2.10	1.00	5.60	2.20	2.80	2.500 -
May	4.00	1.30	5.00	3.70	2.80	4.90	2.00	2.00	1.50	3.40	30.60
June.....	6.10	2.20	4.70	4.80	4.90	7.0	4.70	2.00	.70	2.00	32.80
July	1.70	5.00	5.20	1.90	2.20	3.00	5.90	5.10	.70	1.10	3.180
August.....	6.10	6.00	4.70	5.40	3.10	5.50	5.80	3.30	4.30	3.90	48.10
September....	3.30	5.50	3.50	7.60	4.20	1.00	9.20	4.70	2.40	9.60	51.00
October.....	7.30	2.80	7.60	6.10	2.30	6.40	2.80	5.10	6.50	4.00	50.90
November.....	2.70	8.20	2.50	7.30	4.80	3.80	8.90	2.10	3.80	8.00	52.10 +
December.....	3.30	2.80	4.80	5.20	2.80	1.60	8.00	4.90	8.50	5.80	47.70
TOTALS	48.50	46.40	52.00	55.20	39.80	38.40	61.60	44.70	44.50	54.50	485.60

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RAINFALL

Stoneyhurst

W. Lidgreaves 64 Observatory

Rev Stephen Perry 61 1.2 66

J. E. Moore 62 1.3

11 $\frac{1}{2}$ + Ground abv 64 + Sea level 381 ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.70	1.10	4.05	6.31	3.30	4.11	6.30	4.45	3.80	3.25	
February - -	1.00	4.00	1.34	2.68	4.61	3.63	5.24	4.35	4.40	8.75	
March - - -	6.10	6.80	4.70	2.30	3.70	2.30	2.52	1.45	6.40	1.37	
April - - -	1.70	1.40	4.47	2.50	1.81	2.20	1.10	5.93	2.30	2.78	
May - - -	4.20	1.40	5.23	3.90	2.98	5.21	2.07	2.10	1.60	3.42	
June - - -	6.40	2.30	4.90	5.08	5.21	.69	4.87	2.14	.70	2.04	
July - - -	1.80	5.30	5.48	1.99	2.25	3.21	6.20	5.43	.70	1.05	
August - - -	6.40	6.30	4.87	5.73	3.28	5.79	6.15	3.51	4.50	3.89	
September - -	3.50	5.80	3.71	0.01	4.37	1.06	9.72	4.94	2.50	9.40	
October - -	7.70	3.00	7.98	6.39	2.40	6.69	2.94	5.36	6.80	3.98	
November - -	2.80	8.60	2.58	7.68	5.07	4.01	9.44	2.16	4.00	7.99	
December - -	3.50	3.00	5.09	5.49	2.87	1.69	8.40	5.22	9.50	5.84	
TOTALS - -	50.60	49.00	54.40	58.06	41.80	40.59	64.95	47.04	47.20	54.44	

51.60 wrong last 9 cpm C C C C C C C C

1868 I have received lately a graduated measure from R & Z which is slightly in excess of the measure we have used. This would make our rainfall in past years less than that recorded.

1868-Jan 11th - Have tested both glasses, the new one is correct. The other which we have used for many years and which is marked "10 cubic inches" contains 10 half ounces which makes a difference of 4.935 per cont; therefore all our obs? must be reduced thereby.

S. J. P.

RAINFALL AT Stonyhurst College

70

Lat.

Long.

County of

Lancashire

Rain Gauge, by

Observer

Rev. S. J. Perry

Diameter.....										
Height.....										
Altitude.....										
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	MEANS.
January.....	4.13	1.74	5.59	6.21	5.29	5.17	3.11	6.13	512	1.53
February.....	1.62	4.57	4.61	.83	1.79	1.41	6.03	5.40	212	2.70
March.....	2.94	1.98	4.78	3.42	6.50	1.25	4.64	4.40	270	2.51
April.....	2.65	3.62	3.70	.83	1.82	1.60	2.70	2.77	1.58	1.56
May.....	1.97	1.81	3.22	2.87	1.85	2.94	.64	2.79	466	2.38
June.....	2.24	3.38	5.07	4.03	2.06	4.50	4.63	2.89	338	4.79
July.....	2.28	8.13	4.52	4.84	3.06	5.72	5.36	4.99	120	6.79
August.....	2.89	2.09	5.60	6.41	7.26	3.78	4.34	6.70	705	7.71
September.....	4.02	4.23	8.91	2.84	5.59	5.91	5.41	4.51	633	3.40
October.....	13.44	6.62	6.04	8.73	6.94	3.81	3.05	6.55	545	4.14
November.....	3.54	2.09	4.72	3.89	5.38	5.84	2.19	6.49	380	1.32
December.....	4.12	3.92	4.11	2.41	3.97	2.60	5.42	6.68	204	3.56
TOTALS.....	45.84	44.18	60.87	47.31	51.51	44.53	47.52	60.30	4543	42.39

From the corrected table printed in the "Results" for 1878

1878 and 1879 copied 9/12/42 from MS summary from Stonyhurst
 Supplied by R. Inst. Soc. 25 may be that the values added above for 1878-9 are
 only an incorrect version of the values given in the sheets previously, but the
 values 1870-7 on the sheets agreed precisely with the R. Inst. Soc. version.

RAINFALL AT Shalley Stonyhurst College

Lat..... Lon..... County of Lancashire.....

Rain Gauge, by..... Observer Revd. S. J. Parry.....

Monthly Av. 461

Diameter11										
Height8		1.3								
Altitude	376										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	4.10	1.68	5.53	6.07	5.02	5.07		6.21	4.75	1.67	
February.....	7.56	4.50	4.20	7.8	1.40	1.40		5.38	2.15	2.72	
March.....	2.80	1.94	4.26	3.29	6.19	1.10		4.42	2.63	2.44	
April.....	2.47	3.59	3.60	7.2	1.58	1.20		2.74	1.49	1.54	
May.....	1.93	1.79	3.08	2.58	1.81	2.76		2.85	4.50	2.33	
June.....	2.13	3.31	4.86	3.88	1.86	4.00		2.98	3.43	4.90	
July.....	2.22	8.01	4.30	4.48	2.74	5.25		4.93	1.40	6.76	
August.....	2.80	2.04	5.19	6.00	6.99	3.40		6.65	6.82	7.83	
September....	3.69	3.64	8.29	2.61	5.50	5.10		4.49	6.28	3.49	
October.....	7.30	6.50	5.71	8.36	6.66	3.06		6.55	5.44	4.19	
November....	3.46	2.03	4.38	3.60	5.13	5.46		6.52	3.82	1.31	
December....	3.90	3.81	3.90	2.09	3.81	1.98		6.42	2.14	3.87	
TOTALS	44.36	42.84	57.30	44.46	48.69	39.77		60.14	44.85	43.15	

C C C

1875 The monthly gauge has a considerable hole in the side which interfered with the accuracy of the results.
 76 No slip

RAINFALL AT Stonyhurst College

700

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer Revd S. J. Perry

Self recording Gauge

Diameter											11
Height											2
Altitude											377
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						5.01					1.38
February						1.38					2.60
March						1.18					2.47
April						1.63					1.58
May						2.77					2.34
June						4.22					4.76
July						5.78					6.70
August						3.15					7.63
September						5.27					3.38
October						3.74					4.05
November						5.69					1.30
December						2.24					3.46
TOTALS						42.06					41.65

76. no slip

2978

RAINFALL AT ~~Stonyhurst College~~ 80

Lat.

Lor.

County of

Lancashire

Rain Gauge, by

Observer

Rev. S. S. Perry, F.R.P.S.

Ribble & Co. #1 Ar 1881-1915 46.7

Diameter	11										
Height	1.0										
Altitude	3967										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January88	.47	4.05	5.53	7.52	3.52	7.25	3.20	2.72	2.59	3.773
February	3.76	6.32	3.87	2.97	3.90	3.08	1.07	1.84	1.45	3.29	3.105
March	3.17	H.97	5.41	1.03	2.74	3.79	3.67	3.07	3.60	4.07	3.546
April	2.02	2.01	5.66	2.03	1.01	1.74	3.63	1.84	2.30	2.07	2.431
May	2.84	5.59	2.76	1.05	2.32	2.10	6.22	2.79	.92	2.89	2.948
June	4.79	2.74	6.07	4.31	1.12	3.94	2.96	.53	2.47	2.08	3.101
July	7.00	5.72	7.89	3.03	5.20	2.40	5.05	2.31	8.60	3.03	5.028
August	2.24	6.21	5.33	3.46	2.85	2.60	2.35	2.26	6.11	6.84	4.025
September	3.97	2.16	3.12	6.67	3.75	5.64	4.97	5.76	2.66	5.12	4.382
October	3.01	3.37	4.69	5.76	3.97	5.72	5.15	2.12	2.49	3.39	3.964
November	7.37	5.23	8.13	5.26	1.49	3.83	3.97	2.47	5.79	2.56	4.610
December	9.21	4.77	3.75	4.90	6.40	2.70	6.59	3.12	2.93	4.55	4.892
TOTALS	80.26	49.56	60.23	46.00	42.27	41.06	52.88	31.25	42.04	42.48	45.803

RAINFALL AT *Stonyhurst College* 80

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer Rev. S. J. Penny, F.R.S.

Ribble & 6 1st monthly

Av. 1881-1915 46.1

Diameter	11										
Height	1.0										
Altitude	3967										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.87	4.74	11.11	5.60	7.71	3.47	7.47	3.11	2.97	2.65	3.843
February	3.87	6.36	3.42	3.01	4.01	2.98	1.07	1.75	1.63	3.22	3.132
March	3.18	5.25	5.60	1.07	2.88	3.91	3.49	3.07	3.61	4.12	3.618
April	2.06	2.03	5.75	2.11	1.22	1.67	3.56	1.91	2.25	2.10	2.466
May	2.83	5.77	2.80	1.16	2.32	2.07	6.20	2.84	.94	2.89	2.982
June	4.76	2.84	6.15	4.58	1.01	3.90	2.90	.55	2.38	2.00	3.107
July	7.11	5.73	7.94	3.15	5.28	2.36	4.98	2.39	8.66	3.03	5.063
August	2.23	6.31	5.51	3.66	2.75	2.55	2.33	2.20	5.81	6.84	4.019
September	3.95	2.16	3.20	6.40	3.90	5.63	4.94	5.69	2.94	5.12	4.393
October	3.15	3.38	4.74	5.86	4.01	5.65	5.07	2.11	2.40	3.52	3.979
November	7.45	5.33	8.30	5.39	1.60	3.70	3.91	2.50	5.84	2.56	4.658
December	9.30	4.90	3.90	5.21	6.59	2.61	6.49	3.07	2.98	4.46	4.951
TOTALS	50.66	50.53	61.42	47.20	43.28	40.50	52.44	31.19	42.41	42.51	46.211

RAINFALL AT *Stonyhurst College* 80

Lat.

Lon.

County of Lancashire

Recording Rain Gauge, by

Observer Rev. S. J. Penny, F.R.S.

Ribble & 6.81 Au 1881-1905 46.5

Diameter	11											
Height	2.0											
Altitude	377											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	1.84	4.45	4.03	5.55	7.45	3.33	7.17	3.10	2.28	2.56	3.676	
February	3.65	6.32	3.27	3.17	3.81	3.01	1.00	1.91	1.42	3.40	3.096	
March	3.17	4.92	5.36	1.02	2.70	3.41	3.54	2.93	3.54	4.08	3.467	
April	2.54	1.91	5.68	2.00	4.95	1.77	3.53	1.77	2.29	2.03	2.397	
May	2.84	5.56	2.76	1.06	2.25	2.04	6.12	2.75	.93	2.93	2.924	
June	4.78	2.67	6.07	4.28	1.14	3.88	2.89	.50	2.27	2.00	3.048	
July	6.98	5.62	7.81	3.03	5.21	2.32	4.96	2.26	8.31	3.04	4.954	
August	2.23	6.11	5.35	3.40	2.83	2.59	2.36	2.20	6.07	6.91	4.005	
September	3.93	2.15	3.11	6.63	3.67	5.51	4.98	5.66	2.66	5.16	4.346	
October	2.87	3.35	4.71	5.74	4.05	5.57	5.17	2.11	2.46	3.41	3.938	
November	7.29	5.21	8.09	5.16	1.68	3.77	3.83	2.37	5.78	2.60	4.578	
December	9.17	4.78	3.72	4.79	6.32	2.66	6.48	3.06	2.98	4.48	4.844	
TOTALS	119.99	49.05	59.96	45.83	42.06	39.80	52.03	30.62	40.99	42.60	45.273	

RAINFALL AT Stonyhurst College

Lat.

Lon.

County of

Lancashire

Rain Gauge, by

Observer

R.W. LidgemanRibble & L. Daily

Diameter	11										
Height	1 0										
Altitude	376 M										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.98	3.14	4.23	1.79	4.62	2.80	3.34	1.27	6.36	7.21	4.074
February87	.61	3.48	5.76	6.78	.55	2.69	4.17	4.67	2.16	3.174
March	4.36	1.93	1.04	1.70	3.90	4.36	7.08	5.39	3.18	3.84	3.678
April	1.52	2.12	2.08	.81	1.92	2.65	2.94	3.05	2.17	4.29	2.955
May	2.54	3.10	5.69	2.45	3.16	.50	.76	3.52	3.59	3.44	2.875
June	4.49	1.48	4.67	2.38	3.62	3.42	3.61	4.83	2.80	1.78	3.308
July	4.20	3.14	1.86	5.03	4.33	5.32	2.59	2.74	1.18	2.98	3.337
August	7.00	9.87	7.22	6.09	8.28	5.20	3.30	7.69	7.13	2.36	6.414
September	5.31	5.00	5.37	7.21	.80	2.04	7.09	5.73	1.75	9.14	4.944
October	5.22	3.90	5.44	7.86	4.22	5.77	4.16	2.70	4.14	3.07	4.648
November	8.21	4.51	3.73	4.58	3.55	3.75	1.54	5.83	5.10	3.28	4.408
December60	8.71	3.89	4.90	5.11	6.01	5.39	4.70	6.04	4.11	4.946
TOTALS	50.30	47.51	48.70	50.56	50.29	42.37	44.49	51.62	48.11	47.66	48.161

? 1850

RAINFALL AT Stonyhurst College

Lat.

Long.

County of Lancashire

Rain Gauge, by

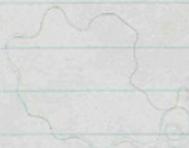
Observer

Rev W. Sidgreaves

Ribble & Co Monthly

Diameter	11											
Height	10											
Altitude	376 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.98	3.13	4.25	1.77	4.63	2.80	3.33	1.26	6.30	7.17	11.062	
February87	.64	3.29	5.75	7.03	.55	2.66	4.20	4.70	2.14	2.182	
March	4.62	1.93	1.02	1.68	3.92	4.39	7.02	5.20	3.12	3.84	3.674	
April	1.52	2.10	2.22	.79	1.85	2.54	2.89	2.91	2.12	4.19	2.812	
May	2.54	3.01	5.65	2.43	3.08	.38	.64	3.31	3.44	3.29	2.977	
June	4.49	1.37	4.45	2.37	3.63	3.33	3.56	4.66	2.60	1.70	3.216	
July	4.28	3.14	1.78	5.00	4.22	5.18	2.43	2.51	.98	2.78	3.005	
August	7.00	9.80	7.07	6.07	8.20	4.98	3.23	7.59	7.01	2.14	6.209	
September	5.31	4.90	5.58	7.19	.74	1.90	6.96	5.66	1.66	9.04	4.894	
October	5.22	3.88	5.43	7.85	4.22	5.51	4.16	2.66	4.07	3.07	4.607	
November	8.21	4.54	3.56	4.56	3.51	3.57	1.50	5.61	5.16	3.21	4.343	
December60	8.65	3.88	4.87	5.35	5.79	5.02	4.61	6.04	4.09	4.890	
TOTALS ..	50.59	47.09	48.18	50.33	50.38	40.92	43.40	50.18	47.20	46.66	47.5193	

1890 -



RAINFALL AT Stonyhurst CollegeLat.Long.County of LancashireAutomatic Rain Gauge, byObserver Rev H. SedgeavesRibble & Co.

Diameter	11											
Height	20											
Altitude	377 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.90	3.09	4.13	1.76	4.61	2.80	3.33	1.27	6.31	7.15	4.026	
February86	.60	3.45	5.77	6.79	.55	2.69	4.15	4.67	2.15	3.168	
March	4.53	1.88	1.04	1.70	3.90	4.37	7.08	5.35	3.15	3.84	3.684	
April	1.52	2.07	2.32	.81	1.93	2.63	2.91	3.04	2.17	4.28	2.268	
May	2.56	3.04	5.67	2.45	3.17	.50	.76	3.49	3.57	3.43	2.864	
June	4.46	1.47	4.38	2.40	3.77	3.41	3.59	4.84	2.79	1.78	2.289	
July	4.23	3.13	1.83	5.05	4.31	5.33	2.59	2.73	1.18	2.98	2.336	
August	7.03	9.85	7.23	6.09	8.28	5.19	3.29	7.60	7.07	2.35	6.398	
September	5.16	4.95	5.37	7.20	.80	2.04	6.89	5.67	1.75	9.11	4.894	
October	5.20	3.82	5.44	7.93	4.32	5.77	4.15	2.70	4.13	3.06	4.652	
November	8.17	4.41	3.56	4.56	3.54	3.75	1.52	5.78	5.05	3.27	4.361	
December54	8.59	3.88	4.92	5.07	6.00	5.37	4.67	6.00	4.10	4.911	
TOTALS	50.16	46.90	48.30	50.64	50.49	42.34	44.17	51.29	47.84	47.50	47.963	

1880 -

RAINFALL AT Stonyhurst College Observatory
 Lat. Central Lancashire South
 Lon.
 Rain Gauge, by
 Observer, Rev W Lidggreen

Ribble | M

Diameter ..	11										
Height ..	1.0										
Altitude ..	376 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.03	2.94	4.91	5.25	3.90	2.80	5.80	2.60	5.54	2.50	4.227
February ..	3.07	2.15	1.39	4.54	3.92	2.61	3.50	3.54	4.02	3.90	3.264
March66	3.35	3.74	4.94	2.74	3.50	3.95	5.18	3.31	2.60	3.397
April.....	3.36	2.43	2.34	2.88	3.75	3.70	1.91	1.79	2.46	4.26	2.888
May	1.54	.67	3.00	3.17	2.81	.53	4.41	3.48	3.70	2.25	2.556
June.....	2.63	1.89	1.05	2.22	1.18	2.84	1.92	8.65	2.46	2.63	2.747
July	3.07	1.80	3.57	4.53	2.09	3.30	2.46	3.10	5.47	7.45	3.684
August	5.98	3.24	3.80	6.36	5.11	3.95	4.39	5.82	4.09	2.90	4.564
September ..	2.93	1.26	1.17	5.89	1.27	4.46	1.81	1.07	5.06	3.51	2.793
October....	7.55	4.53	5.10	10.83	3.67	4.65	6.86	3.84	2.21	5.30	5.454
November ..	4.37	8.15	1.98	4.53	5.13	4.03	4.83	3.36	4.84	2.62	4.384
December ..	5.52	5.81	4.10	3.00	3.10	1.36	6.05	5.80	3.65	7.30	4.569
TOTALS ..	46.71	38.22	36.15	58.14	38.67	37.73	47.39	48.23	46.81	47.22	44.557

1905 S John Evangelist Church
 Whalley Station

H.W.

RAINFALL AT Stonyhurst College Observatory
 Lat. Lon.
 Central County of Lancashire South
 Rain Gauge, by Observer. Rev. W. Sidgreaves

Ribble Check gauge

Diameter ..	11										
Height	1. 0										
Altitude ..	376 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.EANS.
January ..	6.07	2.90	4.85	5.28	3.95	2.94	6.07	3.00	5.55	2.69	43.30
February ..	3.42	2.13	1.41	4.61	3.98	2.68	3.58	3.51	4.42	4.22	33.94
March66	3.49	3.73	4.99	2.74	3.48	4.24	5.64	3.43	2.67	35.07
April	3.55	2.54	2.48	2.91	3.87	3.69	2.05	1.80	2.57	4.39	29.85
May	1.77	.82	3.09	3.31	3.00	.65	4.81	3.63	3.83	2.46	27.37
June	2.78	2.09	1.25	2.36	1.40	3.09	1.98	8.41	2.69	2.80	29.10
July	3.15	1.86	3.60	4.68	2.14	3.56	2.76	3.30	5.61	7.57	38.23
August	6.13	3.33	3.84	6.41	5.25	4.10	4.67	6.22	4.31	3.21	47.47
September ..	3.02	1.31	1.25	6.02	1.28	4.38	1.50	1.15	5.25	3.56	28.72
October	7.75	4.60	5.13	10.83	3.73	4.72	6.97	3.87	2.33	5.50	55.43
November ..	4.34	8.18	2.06	4.59	5.13	4.23	4.93	3.35	5.03	2.71	44.55
December ..	5.57	5.72	4.06	2.97	3.17	1.32	6.18	5.79	3.65	7.29	45.72
TOTALS ..	48.21	38.97	36.75	58.96	39.64	38.84	49.67	49.97	45.67	49.07	458.75

1906 St John's Church 1 Mile N

Shalley Station 5 " NE

Check rain gauge has a correction which was applied daily before entry for a slight difference in dia of funnel & that of the self registering gauge

RAINFALL AT *Stonyhurst College Observatory*
 Lat. Lon. Central County of Lancashire South

Beckley Automatic Rain Gauge, by
 Ribble, 1
 Observer, Rev. W. Lidgrevenses

Diameter ..	11										
Height	2.0					1.10					
Altitude ..	377 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.06	2.89	4.85	5.26	3.95	2.94	6.07	3.00	5.52	2.68	4.322
February ..	3.42	2.13	1.41	4.61	3.98	2.68	3.56	3.51	4.13	4.20	3.363
March ..	.66	3.49	3.73	5.00	2.74	3.48	4.24	5.64	3.42	2.66	3.506
April ..	3.55	2.54	2.48	2.90	3.87	3.69	2.05	1.80	2.58	4.36	2.982
May ..	1.77	.82	3.09	3.31	3.00	.65	4.81	3.63	3.84	2.45	2.737
June ..	2.78	2.09	1.25	2.36	1.40	3.09	1.93	8.71	2.69	2.79	2.909
July ..	3.15	1.86	3.59	4.68	2.14	3.56	2.76	3.30	5.62	7.51	3.817
August ..	6.14	3.33	3.85	6.41	5.25	4.10	4.67	6.21	4.31	3.19	4.746
September ..	3.03	1.31	1.25	6.02	1.28	4.38	1.50	1.16	5.24	3.53	2.870
October ..	7.75	4.60	5.12	10.83	3.73	4.72	6.97	3.86	2.84	5.46	5.538
November ..	4.34	8.19	2.06	4.59	5.13	4.23	4.93	3.34	4.96	2.69	4.446
December ..	5.57	5.72	4.04	2.97	3.17	1.32	6.18	5.76	3.62	7.25	4.560
TOTALS ..	48.22	38.97	36.72	58.94	39.64	38.84	49.67	49.92	48.27	48.77	45.706

D D D D D

1906 St John's Church $\frac{1}{4}$ mile N
 Whalley Station $\frac{1}{5}$.. NE
 R measured at 10 am.

Hurst

