

RAINFALL AT St Michaels on Wyre

70

Lat. _____ Lon. _____ County of Lancashire

Rain Gauge, by Observer P. J. Horby

Diameter							5	.	.
Height							10	.	.
Altitude'							26	.	.
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878
									MEANS.
January							4 1.66	6.54	3.11
February							4.07	3.66	1.92
March							2.47	2.92	1.45
April							2.88	2.78	1.90
May							3.35	2.77	3.89
June							3.94	2.23	3.89
July							2.12	4.64	.79
August							4.58	6.54	4.43
September							3.87	4.41	4.42
October							2.68	5.80	4.71
November							2.89	6.03	3.13
December							5.97	5.68	2.29
TOTALS							37.48	54.00	35.93
									33.69

1876 Gauge moved some distance in the course of the year. Last three days of July included in Aug.

1879 Rose Trees 3ft 11in & 5ft 10in S.
 " " 3ft 8" 7" 4" N.

St Michaels on Wyre $\frac{1}{4}$ mile W.

RAINFALL AT St Michaels on Wyre

Lat.

Lon.

County of

Lancashire

No III Rain Gauge, by

Observer

Rev P J Hornby

Wyres & 6.5

Diameter										5"
Height										1.0
Altitude										251
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889 MEANS.
January										1.35
February										1.84
March										1.87
April										1.95
May										3.32
June										1.28
July										2.36
August										4.71
September										2.89
October										3.85
November										1.89
December										2.90
TOTALS										30.21

St Michaels on Wyre 1/4 mile E

Iron Rail 3' 6" high Gft WSW

Tree 30-40 ft " 45" NE

RAINFALL AT St Michaels on Wyre

80

Lat.

Long.

County of Lancashire

No II Rain Gauge, by

Observer Rev F J Hornby

Wyre & 6. 5

Diameter	5										
Height	1. 0										
Altitude	26 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January.....	69	2.99	5.81	5.05	2.36	4.51	3.09	1.49	1.57		
February	4.81	1.90	2.87	2.55	3.86	1.27	2.34	.52	2.30		
March	3.65	3.01	1.13	3.01	3.82	3.37	2.27	2.97	2.10		
April	1.53	3.57	2.46	1.10	1.33	2.46	1.20	1.35	2.16		
May	3.96	1.94	1.14	2.14	1.42	4.56	1.52	1.12	3.41		
June	3.62	4.59	3.16	.60	2.07	1.42	.67	1.65	1.37		
July	5.22	6.44	3.15	4.90	1.83	5.56	2.29	6.53	2.56		
August	7.24	4.09	2.93	2.68	1.85	1.85	2.06	3.32	5.05		
September....	1.94	1.92	5.95	3.47	6.13	4.50	4.31	1.69	3.22		
October	2.36	5.02	4.76	2.60	4.64	5.04	2.53	3.00	4.04		
November....	5.34	5.76	4.48	1.96	3.18	3.79	2.85	4.90	1.99		
December....	4.70	3.39	2.53	1.67	1.77	5.15	2.81	2.66	3.23		
TOTALS	45.06	44.72	40.37	34.73	34.26	43.47	27.94	31.20	33.00		

see next
sheetSt Michaels on Wyre Church $\frac{1}{4}$ mile NNW.

Wall 9.5 ft high 33 ft NE

1882 Orchard House 4 ft high 20 ft E

Stevenson Ther. Screen 5 ft - 30 ft W

1887 Glass house 11 ft high 24 ft NNE

1889 Gauge moved 1st January 13 ft NE

1885. Gauge moved from Old House (SD 465 411) to Vicarage (SD 459 411)

RAINFALL AT St Michaels-on-Wyre No. 3

Lat.

Long.

County of Lancashire

Rain Gauge, by

Observer Rev. G. J. Hornby

Wyre & 6.5

Diameter	5										
Height	10										
Altitude	26 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.63	1.62	3.04	1.71	3.03	2.21	1.98	1.24	3.21	4.47	2.724
February	65	.17	1.86	4.48	4.81	.34	1.45	2.67	2.62	1.98	2.102
March	3.19	.95	.72	.83	2.78	3.82	4.71	4.16	.74	2.58	2.448
April	1.21	2.08	1.34	.32	1.80	2.39	1.95	3.02	2.17	3.49	1.927
May	2.24	1.71	4.08	1.70	2.51	.60	.55	1.75	3.25	3.40	2.179
June	3.81	1.65	3.76	1.34	3.62	1.66	3.51	4.87	1.96	1.55	2.772
July	3.05	3.32	1.50	3.57	2.18	4.08	5.69	1.85	.57	1.81	2.762
August	5.96	8.91	5.78	3.57	4.86	3.78	3.17	4.46	5.42	1.69	4.760
September	3.49	5.49	5.45	4.61	.74	1.20	5.14	3.76	1.31	4.99	3.618
October	2.75	3.71	4.41	5.52	3.58	5.03	4.23	2.27	3.41	3.15	2.806
November	5.91	4.66	2.92	1.93	3.81	3.04	1.35	4.99	3.85	2.66	3.512
December57	6.28	2.34	3.61	3.65	3.64	5.23	3.86	3.95	3.00	3.613
TOTALS	37.46	40.55	37.20	33.19	36.87	31.79	38.96	38.90	32.56	34.77	36.226

1890 St Michaels on Wyre 1/4 mile E

House walls 3' 6" high 5 ft WSW

Tree 45 ft . 36 " NE

RAINFALL AT St Michael's on Wyre 80

Lat.

Lon.

County of Lancashire

No 1 Rain Gauge, by

Observer Rev. P. J. Attwells

Wyre & 6.1

Diameter	5"										
Height	100.11										
Altitude	267										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	74	67	2.77	5.42	4.93	2.37	4.40	3.09	1.44	+35	
February	2.47	4.48	1.83	2.71	2.59	3.83	1.26	2.34	.56	+84	
March	2.51	3.55	2.90	1.11	3.04	3.74	3.37	2.27	2.92	+87	
April	1.12	1.52	3.50	2.29	1.10	1.28	2.50	+20	1.39	+95	
May	2.10	3.82	1.87	1.05	2.04	1.41	4.56	+52	1.11	3.32	
June	4.35	3.48	4.49	3.11	.59	2.03	1.39	-67	1.60	+28	
July	3.22	5.09	6.27	3.06	4.45	1.92	5.48	-29	6.00	+36	
August	1.95	6.93	3.92	2.86	2.76	1.81	1.78	-26	2.93	+71	
September	3.59	1.89	1.90	5.91	3.47	6.15	4.50	+31	1.59	+87	
October	2.54	2.23	4.86	4.70	2.53	4.63	5.16	-53	2.91	3.85	
November	4.40	5.06	5.64	4.37	1.99	3.18	3.88	-85	4.70	+87	
December	5.39	4.49	3.36	2.45	4.60	1.80	5.16	-81	2.71	+90	
TOTALS	34.58	43.21	43.31	39.04	34.09	34.15	43.43	27.94	29.86	30.24	

1880 St Michael's-on-Wyre $\frac{1}{4}$ mile W. W.N.W.

Lime tree 50-60ft high 99ft N

Stone wall 2 ft 5 in. 15° ESE

1887 Glass house 4' 2" high 24 ft NNE

1887 Unreliable

RAINFALL AT St Michaels on Wyre No 2

Lat. _____ Lon. _____ County of Lancashire Cent.
 Rain Gage, by _____ Observer Rev P. J. Hanby

Wyre & 6.5.

Diameter	5												
Height	1 0												
Altitude	26 $\frac{1}{2}$												
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.		
January	5.21												
February68												
March	3.58												
April	1.31												
May	2.30												
June	3.81												
July	3.43												
August	6.15												
September	3.85												
October	3.15												
November	6.22												
December52												
TOTALS	40.21												

1890 St Michaels on Wyre $\frac{1}{4}$ mile W.N.W
 Wall 7 ft 2 in high 18 ft NE
 Glass House 4 ft 2 in " " N

RAINFALL AT St Michaels-on-Wyre Vicarage

Lat.

Lon.

County of Lancashire North

Bristol Ap-Pattyn Rain Gauge, by Crofton

Archdeacon Observer Rev P J Hornby

Wyre 2

Diameter ..	5											
Height ..	1.0											
Altitude ..	26 ft							25			26	
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	4.48	1.79	2.24	3.84	3.54	1.60	4.50	1.86	2.95	1.96	2.866	
February ..	3.29	1.78	1.77	2.88	3.31	1.58	3.38	1.84	2.19	1.17	2.319	
March ..	.59	3.67	2.39	3.47	2.53	2.68	3.26	3.69	2.55	2.69	2.752	
April ..	2.13	1.90	1.37	1.47	2.19	2.62	1.57	1.74	2.65	3.11	2.075	
May ..	1.61	.98	3.06	3.06	2.54	.70	4.26	4.41	2.82	2.08	2.552	
June ..	2.60	1.76	1.36	1.53	1.61	2.29	1.99	8.55	2.50	2.38	2.660	
July ..	1.93	1.44	3.72	3.93	2.09	1.95	1.71	2.97	3.88	5.77	2.939	
August ..	4.44	3.14	3.13	4.83	3.97	4.44	3.66	4.94	4.50	3.24	4.029	
September ..	2.14	1.31	1.45	5.36	1.95	3.07	1.14	85	4.52	2.63	2.446	
October ..	6.44	3.75	4.13	8.80	2.80	3.14	5.84	3.74	2.60	5.81	4.655	
November ..	3.33	4.81	2.21	3.66	2.89	4.40	3.19	3.67	3.49	1.58	3.323	
December ..	4.71	3.86	2.41	3.07	2.98	.75	3.63	4.09	2.79	6.47	3.571	
TOTALS ..	37.69	30.19	30.24	45.90	32.35	29.22	38.13	42.35	37.37	38.39	36.182	

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1900 St Michaels-on-Wyre Ch 1/4 mile E

Iron rails 3' 6" high 69c w.s.w

Tree 40ft " 52 - NE

1903 Brock Station 4 1/2 miles E

1909 New gauge in place of old one

RAINFALL AT St Michael and St George

Lat.

Lon.

County of N Lancashire

Wynsford Rain Gauge, by Tantliffe Observer Rev Archdeacon P. J. Hornby
Wynsford

Diameter ...										5
Height										10
Altitude ...										26
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909 MEANS.
January										1.97
February										1.26
March										2.74
April										3.15
May										2.08
June										2.37
July										5.93
August										3.28
September ..										2.67
October										5.49
November										1.64
December...										6.58
TOTALS ...										39.16

1909 St Michael and St George 1/4 mile E
 Brock Station 4 1/2 miles E
 Sea level 55° E by N
 on Rail 8' 6" ft 4 1/2 miles E

RAINFALL at St. Michael-on-Wye Vicarage

County of North Lancashire

Observer Ven Archdeacon Hornby

River Basin Wye + C 5

Snowdon Rain Gauge, by Darton & Co.

1912 Ach Tser 40 ft high 55 ft N.E.
Iron Rails 3' 6" .. 4' 5" W
Rhododendron 6' .. 9' N.W.

NGR. VICARAGE SD 459 411

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
53°57'46"	24°9'25"	Brock		4½ m	E	S. Michaels	¼ m	E

RAINFALL at St. Michaels-on-Wyre Vicarage

County of N. Lancashire

Observer Vicar. Archdeacon Hornby

River Basin Wyre & c 5-

Snowdon Rain Gauge, by Darton & Co.

Diameter ...	5"												
Height	10												
Altitude ...	26												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930		
January ...	3.41	5.74	3.32	2.71	3.29	2.54	4.11	3.80	9.23	1.90	5.14	4519	
February ...	2.09	2.3	4.17	4.83	1.82	4.42	3.90	2.23	4.22	.98	.24	2815	
March	4.01	2.91	2.10	1.38	1.67	1.13	1.99	2.67	2.86	.96	2.77	2345	
April.....	4.26	1.61	1.91	2.86	1.59	1.91	1.19	1.26	1.26	1.04	1.53	20.62	
May	4.45	2.20	1.83	2.86	5.57	4.35	2.51	1.43	0.59	1.91	1.11	2881	
June	2.95	3.9	2.34	1.64	2.11	1.25	3.23	3.36	6.81	1.15	2.05	2528	
July	5.61	1.41	6.00	4.49	3.60	2.46	3.41	3.40	2.86	2.96	3.27	3947	
August	1.61	6.09	5.11	6.05	5.36	3.51	3.29	5.77	4.81	5.06	7.39	5455	
September..	3.05	1.31	4.38	3.83	4.71	4.82	4.20	8.24	1.41	2.54	2.34	4083	
October....	1.25	2.07	.83	5.81	1.47	5.87	4.29	3.54	5.26	5.76	5.61	4364	
November...	1.75	2.62	2.65	5.80	2.03	2.23	6.35	4.57	6.01	6.83	5.65	4649	
December...	2.86	5.06	5.47	4.72	5.35	2.63	.81	1.05	2.94	6.84	4.60	4231	
TOTALS...	37.30	31.64	40.11	45.98	40.27	35.82	38.28	41.52	48.24	37.93	41.70	43879	
	D	D	D	D	D	D	D	D	D	D	D		

1920 Ash Tree 100ft high 55° E. N.E.

Iron Rail 3ft 6" " 44° 5" W.

Rhododendron 6ft " 8° 1" N

1930. Gauge moved Oct. 18th 500 yds E. to OLD HOUSE

N.G.R. VICARAGE SD 459411.

N.G.R. OLD HOUSE SD 465411.

Position of Station on reduced Ordnance Survey } No. of Map _____

Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	53° 57' 46" N	2° 49' 25" E	Brock	4 1/2 mi	E	St. Michaels	1/4 mi E

RAINFALL at St. Michael's-on-Wyre (Fairway)

County of North Lancashire

Observer Ven. Archdeacon Hornby.

River Basin Wyre & S.

E.W. Hornby Eng. (1926)

Type of Gauge Standard

Annual Average 36.0 in. based on 31 years obs. un-weighted. Period of average 1881-1915 Ref. S

84204/31.

Diameter	5.												
Height	1.0.												
Altitude	26.												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		Mosse:	Total:
January	4.51	(4.00)	3.12	3.85	1.71	4.19	2.42	4.26	3.99	2.51	3456		
February	3.40	(1.05)	3.03	.13	4.40	2.25	5.40	1.34	2.87	1.50	2437		
March	3.4	(2.80)	2.33	2.06	1.01	2.33	1.30	1.23	1.89	3.10	1789		
April	2.09	(2.62)	1.82	2.06	2.37	.79	3.10	1.43	2.32	1.79	1484		
May	2.06	(4.80)	1.98	3.50	1.10	.88	1.69	3.39	.97	1.88	2225		
June	6.64	(1.20)	1.62	2.08	4.70	3.66	2.57	4.38	2.90	1.62	3037		
July	5.27	(4.10)	3.19	1.60	1.23	4.33	1.28	3.97	5.85	4.08	3490		
August	4.37	(1.50)	2.86	4.44	2.30	2.98	1.63	3.41	1.97	1.43	2769		
September	3.23	(6.00)	.63	4.15	6.85	4.26	2.58	1.51	1.25	4.75	3521		
October	2.94	(7.20)	5.27	5.49	6.72	2.65	2.63	8.15	1.43	4.66	4714		
November	7.42	(2.50)	2.28	1.70	4.54	3.08	1.47	5.49	5.31	4.91	3976		
December	2.87	(2.35)	.53	5.34	3.28	8.31	2.29	4.16	2.54	3.75	3282		
TOTALS	45.14	38.62	28.96	37.40	40.21	37.71	28.46	41.72	33.29	35.34	36685		

open site.

1906. Ven. Arch. Hornby died 4/4/26, gauge moved 1.5.36 $\frac{3}{4}$ mi N. from Old House

1936. Recd being carried on at site close to original vintage site - letter of 7.9.36.

1937 Bush 4 ft, 15 ft at home 20 ft, 40 ft E

1932 esp for May 1916-1926 ref 3056
 N.G.R. OLD HOUSE SD 465 411.
 N.G.R. VICARAGE SD 459 411.
 N.G.R. FAIRWAY SD 465 410.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931			Brock	4m	E.	St. Michael's	30yds	W.
1937			Brock	4m		St. Michael's	$\frac{3}{4}$ mi	E

Station No. M. 3057

RAINFALL at S^t Michael's -on- Wyre (Finsbury)

41

County of North Lancashire Observer E.W. Hornby Esq
 River Basin Wyre T.C. - 5
 Type of Gauge Snowdon

Annual Average 36.0 in. based on 21 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 84304/31

Diameter	5"				578.682						
Height	1' 0"				1						
Altitude	26'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	1.06	3.29	6.07	4.52	3.10	3.99	2.77	6.84	1.76	2.04	36.14
February	4.01	1.43	1.88	1.30	4.44	4.14	.38	2.17	1.64	3.99	25.44
March	2.65	2.49	.62	.63	1.75	.81	4.86	2.07	2.16	1.68	19.72
April	.74	1.82	2.51	2.69	2.14	1.37	3.09	1.54	3.52	2.55	22.00
May	2.93	3.27	3.60	2.96	3.05	1.36	3.37	1.41	2.93	1.16	26.04
June	.61	.87	2.58	2.64	3.96	3.16	2.84	4.25	.72	2.90	24.53
July	1.36	3.90	4.50	3.48	3.05	6.08	3.02	2.63	3.06	3.93	35.01
August	4.26	4.65	6.64	2.47	1.39	5.26	.47	3.99	3.25	7.38	39.76
September	1.33	3.14	4.79	5.64	2.82	5.81	4.08	4.00	1.10	7.25	39.96
October	4.61	4.72	4.30	5.12	5.38	.52	.54	3.50	5.83	3.24	37.76
November	2.13	1.24	2.91	6.26	.19	5.21	4.09	2.76	4.01	4.69	33.49
December	1.71	3.83	2.33	3.85	2.36	4.52	2.51	2.97	5.53	2.78	32.89
TOTALS	27.43	35.41	42.73	41.56	35.63	42.23	32.02	38.13	35.51	43.59	372.24

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

Station No. 3057 m 51

RAINFALL at St. Michael's-on-Wyre (Fayway) 1/153
 County of N. Lancashire Observer E. W. Hornby Esq.
 River Basin Wyre & L. S.
 Type of Gauge Snowdon

Annual Average 36.0 in. based on 31 years obs. un-weighted. Period of average 1881-1915 Ref. S
 37.86 - " 35 - 1916-1950 P
 File No. 84304/21

Diameter ...	5"	5"	578	682							
Height ...	1' 0"	1' 0"		1							
Altitude ...	26'	26'		51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means: Total 60
January	4.17	3.06	1.57	3.30	2.47	4.32	3.49	4.17	3.14	5.17	34.86
February	3.27	.96	.93	3.52	1.86	.50	2.93	6.28	.56	2.79	23.60
March	4.80	1.86	.74	2.18	1.42	.98	2.86	1.37	1.99	1.39	19.59
April	1.72	3.11	2.30	1.19	1.92	1.61	.40	1.35	2.48	2.35	18.43
May	1.57	2.52	1.92	2.68	2.64	1.85	2.24	4.48	1.62	3.29	24.81
June	1.02	3.35	2.12	3.57	3.70	2.49	2.06	3.48	3.25	1.19	26.23
July	1.94	1.57	4.70	4.67	1.29	6.55	4.23	2.91	3.27	4.95	36.08
August	4.08	5.62	4.96	5.66	1.00	12.10	4.10	3.21	.42	4.76	45.91
September	3.61	3.64	4.96	5.87	2.57	3.23	5.50	4.62	.29	3.78	38.07
October	1.84	3.52	2.12	8.65	2.58	2.92	5.41	3.43	4.26	2.69	37.42
November	7.46	1.54	4.50	6.11	1.91	1.75	1.14	2.02	4.38	8.84	39.65
December	8.01	3.56	2.18	4.29	3.93	3.98	4.30	3.46	8.22	4.03	46.06
TOTALS ...	43.49	34.31	33.00	51.79	27.29	42.28	38.66	40.78	33.88	45.23	390.71
	D	D	D	D	D	D	D	D	D	D	D

8.1953 Rhododendrons 10', 27°NE;

Tide for B.R. 1953 St. Michael's-on-Wyre; No tide table required.

2.9.53. I found g. visited at Old House N.G.R. SD 465 411.

(Rhod. Anemone)

Position of Station on Ordnance One-Inch map :			No. of Map	National Grid Reference : 1/300000000		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
			Gosforth	A.m. NE	St. Michael's	250° W

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	✓

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