

RAINFALL AT St Asaph | St Bruno's College

Lat. $53^{\circ} 15' 30''$ N.Long. $3^{\circ} 23' W$

County of Flint

Rain Gauge, by

Observer Rev. Philip Stapleton S. J.

Cloud - 2.

Diameter			5							
Height			6							
Altitude			1120							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899
January				(1.50)	2.05	2.92	.78	1.37	.97	3.11
February				2.73	2.26	.34	1.02	1.63	1.98	1.72
March62	1.55	2.95	3.96	1.99	.91	1.02
April76	2.18	3.02	.96	2.04	1.45	2.52
May				1.36	2.87	2.05	.57	.79	4.99	2.31
June				2.62	2.17	1.09	2.21	2.12	2.06	1.89
July				2.66	2.81	4.24	2.98	.43	1.24	2.40
August				2.40	3.27	1.81	3.06	2.26	3.35	.62
September....				3.13	.69	.52	4.88	4.18	1.83	3.76
October.....				1.78	3.62	5.33	6.31	1.64	3.73	4.91
November....				1.78	2.38	3.39	1.20	3.25	1.56	1.60
December				3.41	2.52	2.39	3.76	2.52	1.88	2.31
TOTALS . . .				(475)	28.37	30.05	31.69	24.22	25.95	28.17

Acc^d. 30. XI. 06. End^d 1907

Prior to 1st February 1906, the gauge stood on a flat terrace W. of the house at a distance of 32 feet from the wall and 17 feet from the edge of the terrace (13 feet high).

1893 Jan. Estd. for Bromley & Dulwich Bay Water (III.19)

The station is on the side of a hill which rises 500 feet in half a mile, the only level spot available being the terrace. The hill rises to 950 feet almost due E. of the station and half a mile distant.

RAINFALL AT St. Asaph St. Bruno's College

Lat. $53^{\circ} 15' 30''$ N Lon. $3^{\circ} 23' W$ County of Hunt

Hymond Rain Gauge, by Observer Rev. Philip Stapleton S.J.
Cloud - 2. J. Kortland S.J.

Diameter ..	5										
Height ..	6						8				
Altitude ..	420					490					
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.69	2.15	1.63	2.42	2.38	.98	3.83	1.04	1.92	1.87	20.90
February ..	3.22	1.25	1.87	1.68	3.51	1.18	1.83	1.38	2.28	1.35	19.05
March ..	1.33	2.00	1.47	3.99	1.56	2.43	2.14	1.48	3.02	2.04	21.46
April ..	1.45	1.47	2.04	1.66	1.02	1.51	.88	1.32	2.11	2.70	16.16
May ..	1.37	.90	3.76	2.66	1.69	.86	2.13	2.26	2.46	.80	18.89
June ..	2.13	2.56	3.00	1.90	2.27	1.82	1.20	3.15	2.36	3.21	23.60
July ..	2.46	2.49	1.47	3.16	.89	2.84	.83	2.93	2.45	2.75	21.77
August ..	4.72	3.26	2.54	3.46	4.05	5.33	2.03	2.85	2.85	3.38	33.97
September ..	.51	81	.84	4.72	1.52	1.73	.91	.59	3.95	2.92	18.50
October ..	4.89	2.28	2.74	6.31	2.11	2.44	4.69	7.31	1.47	3.60	37.84
November ..	3.37	3.77	2.14	8.19	2.06	3.54	1.73	1.92	2.24	1.14	25.10
December ..	1.85	3.92	2.79	1.81	2.51	.42	3.38	1.80	(1.76)	4.25	24.49
TOTALS ..	29.99	26.86	25.79	36.96	25.57	24.58	25.58	27.53	28.87	30.00	28.67

1893-1905 Recd. 30-XI-06. Ret'd. '07

Hull

Previous to 1st February 1906, the gauge stood on a flat terrace W. of the house at a distance of 32 feet from the wall and 17 feet from the edge of the terrace (13 feet high).

Since 1st February 1906, the gauge has stood on a terrace 4 feet high open on all sides.

The station is on the side of a hill which rises 500 feet in half a mile the only level spot available being the terrace. The hill rises to 950 feet almost due E. of the station and half a mile distant.

1906 St. Asaph Ch. 8m 3 Miles W

Tremerechon March 1 S

RAINFALL AT St Asaph St Beuno's College

Lat. _____ Lon. _____ County of Flint _____

Met Office Rain Gauge, by Crocker
New Gauge Clwyd - 2.

Observer Rev J Rowland S.J.

Diameter ...										8	
Height										10	
Altitude ...										480	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...										1.86	
February ...										1.30	
March										2.04	
April										2.68	
May79	
June.....										3.17	
July										2.76	
August.....										3.39	
September ..										2.92	
October ...										3.62	
November ..										1.15	
December...										4.35	
TOTALS ...										30.03	

100 yds SSW of old g.

Frenrechion Church 3½ mil S

St Asaph's Station 3 . W

Thermometer screen 6 ft high 12 ft E

Plantation 60 ft . 50 . E

Row of trees 100 ft . 30 . W

RAINFALL at St Asaph St Beuno's College

County of Huron

Observer St. Benito's College Gregorians S.J.

River Basin Chwyd 2

Peter Symon Rain Gauge, by _____

M

1910 inaugurated on 1st & 7th + other dates to avoid overflow.

RAINFALL at St Asaph St Edmund College

County of Flint

Observer St Edmund College

River Basin Clwyd

2

Met Off

Rain Gauge, by Casella

Rugby School S.J.

Quare Baileys S.J. (1)

Rev R. Adamson 12

W.Montgomery S.J. 1915

Cathedral S.J. 1916

Rev R.S. Corlett S.J.

Diameter ...	8										
Height	10										
Altitude ...	480 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.02	.64	2.89	2.22		2.15	1.03	1.89	1.51	2.20	
February ...	2.09	1.54	1.35	.69		2.84	3.14	1.72	2.27	2.16	
March77	.96	2.40	2.41		.99	3.23	2.99	.83	2.03	
April	3.14	.52	.24	2.49		1.63	1.96	2.61	1.37	2.49	
May	1.71	.46	1.62	2.73		1.99	4.01	3.35	3.83	2.77	
June	3.02	3.82	3.84	2.04		.79	1.58	2.41	2.34	2.82	
July	3.16	.40	4.07	1.51		2.16	1.96	1.42	2.45	2.71	
August	3.18	3.05	6.27	3.92		3.65	2.23	6.31	2.37	3.84	
September ..	.70	3.97	1.10	2.74		1.22	3.95	1.16	5.31	2.29	
October ...	3.54	2.48	2.93	2.13		1.85	4.09	5.17	2.30	2.31	
November ...	5.54	2.10	2.57	1.62		3.45	2.89	2.54	1.96	2.40	
December ...	4.13	3.93	1.80	2.04		4.64	1.74	1.81	3.66	2.78	
TOTALS ...	33.00	23.87	31.08	26.54	N.O.	27.39	32.41	33.38	30.20	37.74	
	7	9	7	7					7	7	

1912 This Screen 6ft high 12 ft E
 Plantation 50. 100. E
 Rose Trees 30. 100. W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53° 15' 22"	3° 22' 44" W	St Asaph	3 mi	W	Dremelchin	3/4 mi	S

RAINFALL at St. Beaph (St. Beans College)County of FlintObserver Rev. R. L. Griffiths S.J.River Basin Clwyd - 2Rev. L. Cardwell S.J. (1922)M.O. Rain Gauge, by BellaRev. K. D. ea (1925)The Procurator,
Rev. P. Jones S.J.

Diameter ...	<u>8"</u>									MEANS. 1930.
Height	<u>1.0</u>									
Altitude ...	<u>480</u>									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	
January ...	<u>2.75</u>	<u>3.89</u>	<u>3.85</u>	<u>1.94</u>		<u>2.21</u>			<u>3.51</u>	<u>1.98</u>
February ...	<u>3.14</u>	<u>.51</u>	<u>2.79</u>	<u>3.37</u>		<u>4.21</u>			<u>2.16</u>	<u>.81</u>
March	<u>4.49</u>	<u>1.85</u>	<u>1.99</u>	<u>.72</u>		<u>1.10</u>			<u>1.44</u>	<u>.02</u>
April.....	<u>4.05</u>	<u>1.35</u>	<u>2.47</u>	<u>1.23</u>		<u>1.20</u>			<u>1.03</u>	<u>.83</u>
May	<u>2.69</u>	<u>1.40</u>	<u>.63</u>	<u>2.91</u>		<u>3.37</u>			<u>1.90</u>	<u>1.32</u>
June	<u>2.90</u>	<u>.50</u>	<u>1.57</u>	<u>.80</u>		<u>.05</u>			<u>4.17</u>	<u>1.97</u>
July	<u>6.72</u>	<u>1.28</u>	<u>3.53</u>	<u>2.88</u>		<u>3.27</u>			<u>1.06</u>	<u>3.08</u>
August	<u>2.59</u>	<u>3.57</u>	<u>2.67</u>	<u>2.19</u>		<u>3.91</u>			<u>2.97</u>	<u>2.66</u>
September...	<u>2.69</u>	<u>1.06</u>	<u>2.78</u>	<u>2.94</u>		<u>4.09</u>			<u>2.81</u>	<u>1.88</u>
October.....	<u>1.71</u>	<u>2.65</u>	<u>.69</u>	<u>5.59</u>		<u>4.32</u>			<u>3.31</u>	<u>3.62</u>
November...	<u>.89</u>	<u>2.28</u>	<u>1.67</u>	<u>3.60</u>		<u>3.89</u>			<u>4.06</u>	<u>5.39</u>
December...	<u>1.89</u>	<u>3.04</u>	<u>3.89</u>	<u>4.56</u>		<u>2.53</u>			<u>2.14</u>	<u>4.30</u>
TOTALS ...	<u>37.29</u>	<u>23.37</u>	<u>28.53</u>	<u>32.73</u>		<u>33.85</u>	NO	ND	<u>30.56</u>	<u>26.86</u>
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		<u>0</u>			<u>2</u>	<u>0</u>
										<u>0</u>

1922 Stevenson screen. 6ft 27 ft. e

1925 - do - 7'E

1929. Glass 4 in (approx.)

1930. Read in winter 9 a.m.

" summer "

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	<u>51° 52' 11"</u>	<u>3° 22' 11"</u>	<u>St. Beaph</u>	<u>3 1/4</u>	<u>W. N.W.</u>	<u>Gemeichion</u>	<u>1 m.</u>	<u>S.E.</u>
1925			- do -	8 M	W			S

RAINFALL at St. Asaph (St. Beuno's College)

County of Flint Observer The Procurator

River Basin 2-Clwyd

Type of Gauge 16.0 (Snowdon 1934)

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

783317/27

Diameter	5												
Height	1.0												
Altitude	479			450.									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means		
January	2.13	2.68	2.32	2.18	1.91	4.51	2.23	3.59	5.75	1.07	2.897		
February	2.92	.20	2.45	3.31	3.21	3.01	4.68	.90	1.86	2.45	2.199		
March	1.44	1.56	1.98	2.04	1.90	2.50	2.49	1.22	2.95	2.67	1.875		
April	2.36	3.08	.89	2.89	3.01	1.85	3.76	.35	1.92	2.76	2.237		
May	2.77	3.16	1.73	2.20	2.05	2.63	2.96	2.46	2.10	3.01	2.507		
June	3.58	.65	1.54	1.19	4.27	5.95	1.98	3.30	2.54	1.76	2.676		
July	1.75	5.31	1.07	1.54	1.21	3.84	2.60	3.60	6.44	4.13	3.138		
August	5.42	1.43	1.30	3.53	1.20	1.94	1.47	4.30	8.03	1.02	2.364		
September	5.25	3.52	1.20	2.48	6.03	3.94	1.81	3.70	0.95	3.31	3.219		
October	1.27	4.63	4.44	4.16	3.25	1.84	3.00	4.11	2.79	4.32	3.571		
November	4.30	2.72	2.24	2.43	4.13	3.11	1.77	3.96	4.80	6.19	3.565		
December	1.63	1.51	1.12	4.69	2.87	3.85	4.07	3.67	2.48	2.03	2.794		
TOTALS	33.82	26.85	20.35	22.28	29.14	36.04	38.99	32.72	35.16	36.61	35.51	33.042	

1933. Apple tree 12 ft. high 20° E. 20° N.E. } above top of gauge the latter being situated on ground
 14° 22° N.W. } sloping uniformly 2.6° approxim. gradient 1 in 13
 8° 22° S.W. }

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
1931.			St. Asaph.	2½ m. E.S. N.W.		Tranmereion	1 m.	S.

Station No. 4282

RAINFALL at St Asaph (St. Beuno's College)

41

County of Flint
 River Basin 2 - Clwyd
 Type of Gauge Sunnimon B.A.*

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

File No. 183317/27

Diameter	5		539	605							
Height	1	0			1						
Altitude	450				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.35	2.68	3.60	3.00	2.25	3.33	2.30		-100		
February	2.59	1.57	1.67	1.25	2.00	4.09	-100				
March	3.59	1.69	0.60	1.05	0.73	1.53	-100				
April	1.87	1.00	1.19	1.03	1.27	82	2.55				
May	2.27	2.60	2.12	0.92	3.89	2.93	3.16				
June	0.63	0.58	2.09	1.07	2.37	3.00	2.98				
July	1.66	3.06	2.41	3.22	2.01	1.64	2.88		-100		
August	3.41	3.10	3.29	1.44	0.84	3.28	0.40		1.93		
September	0.40	2.51	4.69	A.33	1.37	-100	-100		0.71		
October	3.39	2.37	4.78	A.30	5.17	0.88			4.15		
November	2.13	0.78	2.75	6.29	0.30	-100			4.09		
December	1.15	3.49	1.28	1.79	2.37	-100	-100		3.23		
TOTALS	25.44	25.43	30.47	29.69	24.57	-100	-100	N.R.	-100		
	d	d	d	d	d	inc	d				

1941. Jan 2 Feb apportioned for snow.

Trees 50' high 30 yds N.E & S.E. Trees 60' high 40 yds NW & SW.

1942 2 apple trees 10' high 11' N & 25' NW.

1944 60yr. 50yds W (true); 60yr. 30yds E (true) Apparently sloping down to W.

1945 No record. Creepers seen but no reply received

1946 Still no return - or reply to various inquiries. Answer terminated 5.5.

is a gauge, which has been in use for 40 years, is that known as type C or from 1950 but it has a funnel 1½ in. deep.

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
1941. 1944			St Asaph Trefnant	2½ m 3¾ m	W.N.W. W	Iremeslach "	1 m. "	S. "

RAINFALL at Tremeirchion (St. Beuno's COLLEGE) (W.E. 1957) **51**
 County of FLINT Observer PROCURATOR
 River Basin 2 - CLWYD
 Type of Gauge B.A.

Annual Average 290 in. based on years obs. un-weighted. Period of average

Ref.

File No. 783317/27

Diameter			5"		539	625		5"		
Height			110"			1		10"		
Altitude			450'			51		450'		
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	Means
January				2.01	2.38	2.74	1.69	3.15	5.41	5.68
February				2.69	2.81	0.64	2.46	4.37	0.29	1.94
March				1.50	1.91	1.26	1.34	1.44	1.24	2.45
April				0.90	1.00	1.97	0.57	0.78	4.36	1.27
May				3.37	3.10	0.60	1.89	2.61	1.67	1.37
June				3.89	3.06	1.70	1.76	4.79	2.03	0.88
July				3.65	0.44	4.40	5.94	2.91	2.67	2.31
August				3.39	1.25	10.26	5.90	3.23	0.73	3.67
September				2.03	1.59	2.21	6.52	3.92	0.37	6.04
October				4.63	2.31	2.15	1.72	2.83	2.97	2.73
November				5.88	1.48	1.37	2.08	1.71	3.63	5.60
December				3.00	3.07	1.99	1.95	2.76	3.97	2.90
TOTALS				30.94	24.40	31.29	33.61	34.50	29.38	36.84

* 1954 Very late gauge
1954 Record received date. Jan 1955

* 1955 - Snowdon gauge
Plantation trees 70' 180' E.

1955 a.p. too high
1957 G. set in concrete with flat top 9' below rim of G. This probably caused insplash and excessive readings. 10/67. G. moved 50yds same altitude, ground slopes down from G. - no trees near.
Str. name changed at request of authority;

1957 June - July 1957.

Projected 7.12.59 by Mr. Hillier, due reasonable site SW-SW. On lower slope facing WSW Apple tree 20-40' E

080742

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 51(33)800742

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
4.3.54 1955			St Asaph	2 1/2 m 3 m	W NW W	Tremeirchion	1 3/4 m S

Summary of Earlier Records from 10-year Sheets :

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