

RAINFALL AT *S. Asaph NantUys*

Lat..... Lon..... County of *F. Lat.*
..... Rain Gauge, by..... Observer *P. C. Penarant, Esq.*

Clwyd - 2.

Diameter.....			5								
Height.....			1								
Altitude.....			<i>273</i>		<i>273</i>		<i>173</i>				
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			<i>2.43</i>	<i>2.31</i>	<i>1.63</i>	<i>1.97</i>	<i>.72</i>	<i>4.64</i>	<i>2.51</i>	<i>.77</i>	
February.....			<i>1.72</i>	<i>1.09</i>	<i>1.30</i>	<i>2.40</i>	<i>1.87</i>	<i>2.33</i>	<i>.98</i>	<i>2.08</i>	
March.....			<i>2.73</i>	<i>2.04</i>	<i>1.44</i>	<i>.65</i>	<i>2.44</i>	<i>2.91</i>	<i>1.40</i>	<i>.94</i>	
April.....			<i>3.19</i>	<i>.81</i>	<i>1.13</i>	<i>.70</i>	<i>2.54</i>	<i>2.29</i>	<i>1.08</i>	<i>2.60</i>	
May.....			<i>3.16</i>	<i>1.41</i>	<i>2.84</i>	<i>2.04</i>	<i>.27</i>	<i>2.18</i>	<i>3.18</i>	<i>1.91</i>	
June.....			<i>5.65</i>	<i>1.59</i>	<i>.45</i>	<i>2.14</i>	<i>1.08</i>	<i>1.04</i>	<i>1.91</i>	<i>3.61</i>	
July.....			<i>4.64</i>	<i>2.29</i>	<i>2.98</i>	<i>4.33</i>	<i>1.80</i>	<i>2.80</i>	<i>.59</i>	<i>3.38</i>	
August.....			<i>2.66</i>	<i>2.54</i>	<i>2.65</i>	<i>2.31</i>	<i>3.38</i>	<i>5.61</i>	<i>3.96</i>	<i>9.93</i>	
September.....			<i>6.47</i>	<i>3.81</i>	<i>2.07</i>	<i>3.46</i>	<i>5.10</i>	<i>3.60</i>	<i>3.51</i>	<i>1.57</i>	
October.....			<i>7.05</i>	<i>2.68</i>	<i>3.57</i>	<i>4.13</i>	<i>2.93</i>	<i>4.01</i>	<i>3.77</i>	<i>1.47</i>	
November.....			<i>4.32</i>	<i>1.66</i>	<i>3.91</i>	<i>3.24</i>	<i>4.42</i>	<i>4.93</i>	<i>3.61</i>	<i>1.62</i>	
December.....			<i>3.80</i>	<i>.82</i>	<i>3.99</i>	<i>1.79</i>	<i>3.53</i>	<i>3.03</i>	<i>2.35</i>	<i>1.40</i>	
TOTALS.....	<i>22.92</i>	<i>23.96</i>	<i>47.82</i>	<i>23.05</i>	<i>27.96</i>	<i>29.16</i>	<i>30.08</i>	<i>39.37</i>	<i>28.85</i>	<i>31.28</i>	<i>(30.945)</i>

1875 No object near the gauge except on the N.E. & that
more than 60ft distant & small trees on N.W.
15ft high & 30yds distant.
1879 Trees 20ft high 40yds N.W.

Trennuchion church 1 mile N.

1870 & 1871 = *Brynbellla*

RAINFALL AT *St Asaph Nantllys*

4284

Lat. _____

Lon. _____

County of *Flint*

Rain Gauge, by _____

Observer *P. Pennant Esq*

Clwyd - 2.

Diameter	5										
Height	1.0										
Altitude	173										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.75	1.25	2.47	2.69	3.24	1.02	3.41	3.38	.87	.63	1.971
February	1.64	3.14	1.80	1.67	2.68	2.98	.59	.58	.84	1.60	1.752
March	1.63	2.23	2.16	1.76	2.18	.90	2.36	1.05	1.67	2.47	1.837
April	1.12	.64	3.65	.61	1.73	2.24	1.77	1.16	1.21	3.82	1.795
May	1.87	1.73	1.50	1.89	.88	1.89	6.78	2.18	.70	2.07	2.149
June	3.46	2.84	3.59	2.24	.65	1.49	1.37	1.05	1.76	.27	1.872
July	6.38	2.64	3.65	1.84	5.09	.56	2.74	1.41	3.91	2.52	3.074
August	1.50	5.94	3.14	1.59	1.15	1.28	1.18	3.29	3.10	4.24	2.641
September....	2.84	1.32	2.24	4.53	2.67	2.71	3.00	3.00	.88	2.56	2.575
October	6.19	3.14	2.21	3.69	1.96	5.62	5.24	3.96	1.61	4.29	3.791
November....	3.31	2.89	1.56	3.33	2.63	2.11	2.67	1.52	3.75	2.30	2.907
December	4.95	2.33	3.54	1.63	1.56	.98	4.24	2.37	1.30	2.15	2.505
TOTALS	35.64	30.09	34.51	27.47	26.42	23.78	35.35	24.91	21.60	28.92	28.869

Tremeirchion Church 1 1/2 miles N.

Trees 20ft high 150ft NW

RAINFALL AT

St Asaph Nantllys

Lat. _____

Lon. _____

County of

Flint

Rain Gauge, by _____

Observer

P. P. Pennant Esq

Cloud - 2.

Diameter	5										
Height	10										
Altitude	173 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.44	1.21	1.52	.96	1.73	2.03	1.15	1.44	.91	3.36	1.775
February ....	.61	.28	1.27	2.22	2.22	.65	.78	1.38	1.95	1.97	1.302
March	1.32	.86	1.08	.71	1.51	2.54	3.59	2.04	.69	.91	1.525
April	1.03	1.34	1.09	.72	1.89	2.67	.92	1.99	1.38	2.34	1.537
May	2.13	2.58	3.65	.56	2.53	1.91	.63	.78	4.38	2.00	2.115
June	1.91	3.93	3.18	2.05	1.78	.52	1.82	1.68	1.71	1.80	2.028
July	2.31	1.87	2.13	2.33	2.85	3.57	2.41	.23	.94	2.23	2.087
August	3.54	4.69	2.55	2.20	2.29	1.84	2.15	2.41	3.29	.35	2.531
September....	.98	3.88	1.92	2.55	1.12	.60	4.86	3.73	1.60	3.45	2.469
October	2.69	2.00	9.43	1.71	3.12	4.87	4.67	1.57	3.09	4.59	3.774
November....	5.72	2.59	1.28	1.63	3.47	3.97	1.16	3.74	1.39	1.61	2.656
December	1.00	3.52	1.68	3.86	2.19	2.16	3.68	2.70	2.03	1.73	2.453
TOTALS	26.68	28.75	30.78	21.50	26.70	27.33	27.82	23.69	23.36	26.34	26.295

1880—

83

4281

RAINFALL AT

Bodfari
St. Asaph Nantlys

Lat.

Lon.

County of

Flint

Snowdon
from 1907

Rain Gauge, by

Observer

P. P. Penant Esq

Clwyd - 2.

Diameter ..	5										
Height	1.0							1.6			
Altitude ..	173 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	2.23	2.39	1.57	2.54	2.46	.93	3.54	1.09	1.72	1.65	2.012
February ..	3.05	1.17	1.23	1.91	2.90	1.23	1.89	1.73	2.38	1.28	1.877
March	1.26	2.14	1.45	4.27	1.48	2.74	1.93	1.60	3.11	1.77	2.175
April	1.28	1.50	1.83	1.51	1.01	1.85	.72	1.37	2.14	2.58	1.579
May	1.32	.93	3.27	2.40	1.93	.52	1.84	2.39	2.53	.61	1.774
June	1.96	2.13	2.20	1.37	1.33	1.50	1.20	2.85	2.11	2.58	1.923
July	1.11	3.08	1.46	3.43	1.35	1.91	.59	1.99	2.21	2.17	1.930
August	6.94	3.28	2.59	3.39	3.48	4.90	1.82	2.34	2.68	3.28	3.470
September ..	.45	.80	1.10	5.48	1.03	1.30	.72	.72	3.26	2.99	1.785
October	4.59	1.81	3.01	6.18	1.43	2.76	4.85	6.83	1.38	3.58	3.642
November ..	3.78	4.07	2.37	3.06	2.02	3.60	2.05	1.95	2.43	1.17	2.650
December ..	2.12	4.74	2.93	1.88	1.80	.39	3.23	1.65	1.69	4.37	2.480
TOTALS ..	30.09	28.04	25.01	37.42	22.22	23.63	24.38	26.51	27.64	28.03	2.220

1904 Tremurion Church 1 mile N

Bodfari Station 1 1/4 S E

Building 25 ft high 60 ft N

1907 New Snowdon gauge

+ Inspected

RAINFALL at *Boofari Nantlys*County of *Flint*Observer *D. F. Penantley*River Basin *Clwyd 2*

Rain Gauge, by

Diameter ...	5											
Height	1.6				1.4							
Altitude ...	173 ft				200		173			178		Total No. of Means.
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		
January ...	2.00	(.62)	(2.12)	(1.95)	1.64	2.61	1.03	1.76	1.43	2.04	6.26	
February ...	2.38	(1.52)	(1.35)	(1.80)	1.53	3.20	3.47	1.38	2.20	2.35	9.30	
March .....	.81	(1.07)	(2.62)	(2.89)	2.62	.78	2.52	2.60	.74	6.20	12.06	
April	3.29	(.56)	(.31)	(2.62)	.42	1.56	1.99	1.96	1.35	2.46	7.76	
May	1.85	(.46)	(1.57)	(2.87)	1.46	1.69	3.68	3.04	3.80	1.47	11.99	
June	3.07	(3.74)	(3.40)	(1.94)	3.73	.79	1.35	2.46	1.38	2.11	8.00	
July	3.34	(.58)	(4.13)	(1.52)	5.26	2.11	1.27	1.25	1.90	2.05	6.47	
August	3.16	(2.40)	(6.00)	(2.46)	.59	3.29	2.28	5.73	2.08	3.41	13.50	
September ..	.64	(3.90)	(1.14)	(2.64)	2.61	.99	3.86	.93	4.83	2.43	12.05	
October ...	3.49	(2.47)	(2.90)	(2.10)	1.66	1.92	4.28	4.65	2.36	3.73	15.02	
November ...	5.03	(2.27)	(2.30)	(1.86)	2.63	3.78	2.51	2.56	1.72	2.31	9.10	
December ...	4.36	(4.01)	(2.16)	(2.35)	5.88	4.65	1.45	1.98	3.78	5.04	12.25	
TOTALS ...	33.52	(24.00)	(30.00)	(26.00)	30.03	27.32	29.69	30.20	27.57	36.20	123.76	
	7					13	13		10			

1914 Home 50 ft high Corrugated 17 yards

492

1911 1200
 1912 roughly estimated from Hantlas 15.1.14
 1913 1000 from Hantlas & Cae-fryn 11.20

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1914	53 10	3 15	Boofari	1 1/2 m	SE	Thomas's	1 1/2	N E

RAINFALL at Bodfari (Nantlys)County of Hert Observer D. B. Pennington, Esq.River Basin Angd - 2SNOWDON Rain Gauge, by _____

Diameter ...	5								5				
Height	14								15				
Altitude ...	178								178				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930	1920-30 Totals	
January ...	2.88	3.90	3.72	2.27	1.78	1.83	2.06	2.04	3.42	.99	4.80	29.99	
February ...	3.94	.09	2.42	3.10	.50	3.21	.78	1.22	2.05	.99	.40	18.70	
March	4.48	1.34	2.06	.69	.67	.99	.47	3.85	1.20	.03	3.34	19.12	
April	3.24	1.19	2.40	1.10	1.85	1.34	.51	1.12	1.26	.81	3.33	18.15	
May	3.13	1.18	.49	3.16	3.91	3.05	2.60	1.57	1.74	1.23	1.06	23.12	
June	2.64	.39	1.54	.56	1.92	.01	1.07	4.17	4.15	1.54	1.38	19.37	
July	5.91	1.39	3.22	2.26	3.78	3.09	5.19	2.41	1.00	2.86	3.42	34.53	
August	2.15	2.98	2.70	2.52	3.99	3.58	2.60	5.66	2.92	2.43	4.06	35.59	
September...	3.33	.75	2.50	2.73	4.47	3.68	3.54	6.42	2.41	1.97	2.56	34.42	
October	2.15	2.90	.50	4.95	3.20	4.00	2.70	2.08	3.72	3.95	4.35	34.80	
November...	0.70	2.20	1.57	3.65	1.04	3.46	3.57	3.39	3.92	5.24	4.51	33.25	
December...	1.65	2.86	3.62	4.78	2.88	2.37	1.32	1.02	2.15	4.66	4.05	31.36	
TOTALS...	26.20	21.17	27.10	31.77	29.99	30.61	26.41	34.95	30.24	26.10	37.26	332.40	

1923 House 40 ft. high 16 yds. N. angle of house

1925 " 35 " " 30 " N.

1930. G. read 9 a.m.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53° 14' 32"	3° 22'	Bodfari	1 1/2 m.	S.E.	Freweichin	1 1/2 m.	N.E.
		32 22		(by road)			(by road)	

RAINFALL at Bodfari (hauleys)County of HantsObserver D.F. Raught, D.L. Inst. 1/6/38River Basin 2. ElwydR.D. H. Pennant Esq.Type of Gauge SnowdonAnnual Average 27.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref B. 1 N

766008/27

Diameter	5.												
Height	1.0												
Altitude	178												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Mean 766008		
January	2.77	2.79	2.29	1.96	1.64	3.72	1.86	3.42	4.56	2.26	2737		
February	3.01	.19	2.19	.27	2.95	3.33	4.53	.73	1.74	2.74	2168		
March	.40	1.69	1.62	1.72	.70	2.72	2.08	1.08	2.58	2.33	1692		
April	2.48	3.88	.59	2.06	2.72	1.57	3.97	.25	2.03	2.71	2226		
May	2.84	2.72	1.76	1.67	1.60	2.37	2.27	2.31	1.85	3.03	2242		
June	3.52	.80	1.26	.94	3.21	5.88	1.67	3.39	2.09	1.47	2423		
July	1.96	4.48	.65	1.29	1.30	3.09	1.68	2.68	5.70	3.51	2634		
August	4.66	1.31	1.45	3.13	.89	2.28	1.23	4.15	1.83	.52	2145		
September	5.03	3.02	1.02	1.68	5.31	3.13	1.41	1.95	0.80	2.96	2651		
October	1.31	4.41	4.51	3.65	4.96	1.39	2.58	3.24	2.92	3.78	3275		
November	4.20	1.94	2.15	2.10	4.23	2.89	1.61	3.71	4.86	5.87	3356		
December	1.65	1.31	.94	4.15	3.01	3.78	3.17	3.21	2.09	1.64	2495		
TOTALS	33.83	28.54	20.53	24.62	32.72	36.16	28.06	30.12	35.05	32.81	3004.4		

1933 House 58ft. 6 chimneys 16 ft. N.E.

1936 House 60' high 20 yds. N.E.

1938 Clump of rambling grass 5' high 7' W. House 30' high 50' N.

1940 " " " 3' " 10' W.S.E.

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
1933	53° 15'	3° 22'	Bodfari	1 1/2 mi.	S.E.	Pennington	1 1/2 mi.	N.

Station No. 4281

RAINFALL at Bodfari (Nant-y-s)

41

County of Flint

Observer A.D.H. Pennant, Esq.

River Basin 2 - Clwyd

Type of Gauge Inverted

Annual Average 27.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. 11.

File No. 746.88.8/27

Diameter	5				539	564					
Height	5					1					
Altitude	178					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	3.25	4.10	3.25	3.21	3.29	3.27	2.11	4.81	2.41	0.74	30.44
February	2.98	1.25	2.01	1.44	1.37	4.24	2.08	1.40	1.06	4.57	22.34
March	3.75	2.37	0.53	1.23	0.44	1.45	3.80	1.06	1.79	1.03	17.45
April	1.66	0.95	1.21	1.15	1.54	0.85	3.08	1.39	2.14	3.11	17.08
May	2.14	2.27	2.53	1.01	3.60	3.04	3.23	0.79	2.37	0.67	21.65
June	0.40	0.44	2.18	1.25	2.18	2.65	2.86	3.35	0.37	1.06	16.74
July	1.69	2.86	2.33	2.95	1.78	1.75	4.21	2.40	2.55	2.01	24.53
August	3.35	3.17	2.84	1.55	1.16	5.53	0.39	3.39	2.00	3.48	24.86
September	0.45	2.10	4.48	4.62	1.35	2.62	1.71	1.97	0.70	4.10	24.10
October	3.59	2.69	4.55	3.98	4.68	0.94	0.69	2.21	4.11	2.43	29.87
November	2.20	.88	2.64	5.71	0.27	3.43	3.83	1.22	3.26	3.72	27.46
December	1.29	3.56	1.34 ⁵	2.22	2.22	3.51	2.62	3.47	3.30	2.70	26.24
TOTALS	26.75 D	26.64 D	29.90 D	30.32 D	23.88 D	31.28 D	30.61 D	27.46 D	26.36 D	29.56 D	282.76

1941 Pampas Grass 3' high 10' W. S. + E.

House 30' high 45' N

1943. Dec amended by ref. 5 form 1090

253.20

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941 1944	53° 13'	3° 22'	Bodfari	1 1/2 mi	SE.	Tremeirchion	1 1/2 mi	N

BRITISH RAINFALL ORGANIZATION

Station No. 4281

RAINFALL at Bodfari (hantlys)

51

County of Flintshire Observer A.D.H. Pennant, Esq.

River Basin 2 - Elwyd

Type of Gauge Snowden (N.Z.)

Annual Average 27.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.N.

29.70 " " " " " 1916-1950

File No. 766008 127 P

Diameter ...	5"				539	504			5"		
Height ...	1' 5"					1			1' 3"		
Altitude ...	178'					51			178'		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	2.26	2.70	0.81	1.95	1.81	2.57	1.12	2.95	4.35	5.63	26.15
February ...	2.75	0.86	1.37	2.45	2.30	0.36	2.07	3.94	0.23	1.78	18.11
March ...	6.88	0.47	1.02	1.46	1.84	1.27	0.95	1.13	1.11	2.39	16.52
April ...	1.39	1.30	2.56	0.89	0.83	1.99	0.47	0.56	4.11	1.36	15.46
May ...	3.47	2.24	1.97	2.93	2.64	0.50	1.51	2.39	1.70	1.51	20.86
June ...	1.19	1.56	2.01	3.11	2.61	1.53	1.11	4.97	1.64	1.07	20.80
July ...	1.82	1.08	1.56	2.57	0.35	4.23	4.86	3.02	2.60	2.18	23.77
August ...	3.56	1.56	2.42	3.07	1.15	7.30	4.32	2.89	0.64	3.15	30.06
September ...	2.09	3.67	3.28	1.48	1.38	2.24	5.83	4.95	0.31	4.59	29.82
October ...	1.80	4.52	1.55	3.68	1.94	1.93	1.47	2.39	2.57	2.84	24.69
November ...	4.79	2.67	2.60	5.65	1.35	1.17	2.01	1.58	3.84	5.04	30.70
December ...	3.01	3.51	1.21	2.93	2.48	1.76	1.47	2.46	3.97	2.73	25.53
TOTALS ...	32.57	26.14	22.36	32.17	20.68	26.88	27.19	33.23	27.07	34.27	282.47

10

Shap. 7/10/59
by Mr. H. H. H. H.
1941 Pampas Grass 3' high 10' 10" E. House 30' high 45' N.
Trees 40' at 50' S to SE. Oakwoods 50' 150' 40' E to E. Trees 15' 35' N. House 40' 40' N. 20' 0' SW 0' 5' SE to SW
Gauge nearby.

(8th of 4th series)

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 55(3).8711

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1944	53° 13'	3° 22'	Bodfari	1 1/2 mi SE	Theremarchion	1 1/2 mi N.

Summary of Earlier Records from 10-year Sheets :

1916-1950 P-accepted (30)

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	1910 D 1911-14 1915-16 D 1917 1918 D	1920-22 D 1923-24 1925 D 1926-27 D 1928-29 D 1930 D	D	D	