

RAINFALL AT Welshpool County School

Lat. _____

Lon. _____

County of Montgomery

Deep Funnel Rain Gauge, by Philip Harris
Observer to E. Pitcher Esq.
Seven. L. bank - 5.

Diameter ...											5
Height											1 0
Altitude ...											263
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...											
February ...											
March											
April											2.59
May57
June											3.34
July											1.91
August											1.25
September ..											2.71
October ...											4.06
November ..											.86
December ...											3.62
TOTALS ...											

Welshpool church $\frac{3}{4}$ mile N W
 Station 150 yards NE
 School 25 ft high 38 yards SW
 Threperum 4.9 high 5 ft E

RAINFALL at Welshpool County School

County of Montgomery

Observer

W.E. Whitehouse Esq LCP F.R.Met.

River Basin Severn. Left Bank Tributaries 5

W.H. Brooks Esq. P. Carterley 174

Brd Ab (deep Tarnure) Rain Gauge, by Philip Morris

D.B. John Esq (1916)
W.H. Lewis Esq

Diameter ...	5										
Height	1.0										
Altitude ...	263 T	ft					256	252			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. Totals
January ...	2.81	1.48	3.32	3.62	1.41	3.35	1.99	1.05	2.23	2.79	7.86
February ...	2.71	1.90	1.45	1.39	2.87	5.17	4.21	.72	2.50	1.96	9.39
March56	1.26	3.72	5.44	3.32	.62	3.49	1.93	1.12	5.02	11.54
April	2.48	.82	.30	4.64	1.32	1.45	1.33	1.37	1.20	1.42	5.32
May	1.84	1.68	1.86	2.90	1.33	2.96	3.30	3.35	1.86	.56	9.07
June	2.69	3.48	4.14	1.93	3.00	.58	2.35	3.21	1.54	1.60	8.70
July	2.32	.84	3.13	.86	4.17	4.93	1.91	2.09	3.75	1.18	8.73
August	3.39	2.14	5.79	1.79	3.22	5.10	1.91	5.09	1.12	2.25	10.17
September ..	.57	2.69	.76	1.87	1.51	.81	1.84	2.20	1.32	.53	11.93
October ...	3.51	3.60	3.38	4.42	2.19	2.99	4.99	3.46	1.86	3.46	13.77
November ...	4.32	3.69	2.65	3.17	2.92	3.06	2.17	1.39	1.00	1.51	6.07
December ...	5.69	4.02	4.11	2.09	8.13	6.57	2.09	1.36	4.25	4.07	11.77
TOTALS ...	32.89	26.60	34.61	34.02	35.41	37.59	30.96	27.22	29.75	26.39	114.32

1912 School 28 ft high 30 yds SW

V96v

1915 Screen 4 ft ... 31 ft E

1916 Flagstaff 15 yds high 10 yds NNW

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	52°39' 20"	3° 8' 28"	Welshpool	150 yds	NE	Welshpool Parish Church	1/2 mi.	NW

RAINFALL at Welshpool (County School)County of Montgomery, Observer John Ward, Esq.

River Basin 5 - Severn, L. bank.

1925 ~~but copies given~~ Rain Gauge, by _____

Diameter ...	5"											1930 MEANS.	1920-30 Totals		
Height	1.0														
Altitude ...	253	142	255	263	254										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930				
January	2.99	3.52	4.61	1.84	2.58	3.13	2.96	3.37	6.43	1.06	4.69	37.20			
February	2.70	1.46	3.62	4.95	5.6	3.85	2.43	1.87	2.76	1.64	.76	24.59			
March	3.56	1.87	3.20	1.09	1.32	1.84	1.74	3.01	2.17	1.48	2.83	21.11			
April	4.28	1.75	2.07	1.86	3.46	1.00	1.61	2.74	1.35	1.92	3.44	23.48			
May	2.54	1.91	1.99	2.68	3.32	3.21	2.75	1.25	1.45	1.59	1.46	23.15			
June	3.93	3.32	1.40	3.0	3.00	0.4	1.02	4.16	3.84	2.28	.87	20.56			
July	4.90	1.31	3.94	3.21	4.45	1.74	3.13	2.86	1.28	2.21	3.29	32.22			
August	1.34	4.68	1.87	3.73	3.46	2.37	2.69	5.28	3.33	2.39	2.05	33.19			
September	2.04	1.97	2.29	2.19	3.45	1.91	2.16	4.92	1.60	1.39	3.99	27.21			
October	2.77	1.96	1.10	4.68	4.94	3.66	3.01	2.83	2.55	3.54	3.95	34.99			
November	1.53	3.03	1.24	2.07	2.50	1.68	4.67	4.38	6.15	4.60	4.68	38.69			
December	2.20	3.73	4.16	3.21	2.78	2.85	1.65	2.43	2.08	7.14	4.57	36.30			
TOTALS	34.24	24.53	30.59	31.81	36.12	26.28	27.82	39.10	35.48	30.24	36.58	352.79			
1920	Weather station 9ft. 142. 2½ ft. NNE.												✓		
1922	School 40ft. 142. 50ft. N.W. (g. is "open sheltered")												✓		
1925	Stevenson screen 5' high. 6' E												✓		

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	52° 39' 20"	3° 8' 28"	Welshpool	100 yds.	N.E.	Fiddays	100 yds.	N.E.W.

RAINFALL at Welchcote (County School) M.W.R.County of MontgomeryObserver John WardRiver Basin 5-Avon - Left BankTel Headstone

Type of Gauge

Annual Average 30.5 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref. S
A.U.S.

Diameter	5					5"					
Height	1' 0					1' 0"					
Altitude	254					254					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	(1931-40) Means Total/15
January	2.00	3.72	1.83	3.07	1.72	4.07	4.32	4.58	6.80	3.39	3450
February	2.95	1.12	3.75	2.8	3.41	1.48	6.83	1.04	2.51	2.44	2374
March	1.87	2.98	1.88	1.99	.91	2.12	1.83	1.31	2.47	2.20	1756
April	2.92	3.93	1.64	3.25	2.87	1.72	1.63	1.10	2.13	2.40	2159
May	4.76	3.89	2.02	1.49	1.62	1.20	2.02	2.76	1.90	1.98	2164
June	4.04	5.2	3.39	1.48	2.99	3.62	1.97	2.54	1.77	1.87	2319
July	3.33	7.46	2.00	1.19	1.42	4.39	1.94	3.84	7.50	2.85	3492
August	4.05	1.37	1.73	1.89	1.23	1.47	2.79	2.77	1.97	1.18	1645
September	2.44	2.29	1.93	1.51	5.26	3.12	1.39	1.03	1.19	1.68	2084
October	1.78	4.31	2.88	2.42	4.54	2.06	3.27	4.55	2.34	4.28	3143
November	4.72	2.37	1.52	1.98	3.66	3.09	1.77	5.30	4.62	2.40	3643
December	1.49	1.40	1.00	4.30	2.39	2.74	2.50	3.80	2.10	1.75	2447
TOTALS	34.35	34.36	21.57	24.78	29.02	31.08	30.26	32.62	35.30	33.42	30676

Inspected 26/5/24
 " 24/9/26. Very satisfactory.

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

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 4262

RAINFALL at Welshpool (County School) ✓ M.W.R 41

County of Montgomery

Observer The Headmaster

River Basin 5-Severn, Left Bank

Type of Gauge  (1941)

Annual Average 30.0 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref. S A.W.S

File No.

Diameter	5			404	215							
Height	1	0				1						
Altitude	254					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1944-50 Means 1941-5	
January	4.19	2.93	4.56	3.20	2.34	3.17	2.09	7.24	1.56	0.90	32.18	
February	2.64	0.69	1.80	1.78	2.59	3.84	1.27	2.02	1.20	6.24	24.48	
March	2.44	2.18	0.91	0.46	0.91	1.62	6.06	1.02	1.41	1.50	18.51	
April	0.97	2.16	1.33	1.17	1.95	1.28	2.05	1.42	2.23	3.55	18.24	
May	2.38	4.59	3.11	2.48	2.90	2.36	2.86	1.75	3.29	1.20	27.12	
June	1.38	0.54	2.44	2.28	3.29	2.52	1.58	2.94	0.65	1.11	18.80	
July	1.33	2.85	1.19	1.61	1.63	1.96	2.83	1.35	1.83	3.21	20.05	
August	3.21	2.31	2.24	2.71	3.89	5.04	0.38	4.24	1.59	5.65	31.26	
September	0.63	1.70	2.61	3.15	2.60	3.84	2.01	2.25	1.19	4.75	24.88	
October	2.87	1.46	4.05	3.63	4.54	1.38	0.41	2.10	2.04	4.47	1.87	26.76
November	2.16	0.60	2.86	4.50	0.39	4.98	2.88	2.61	2.51	4.40	3.82	29.20
December	1.34	3.40	1.67	2.64	3.81	2.74	2.61	3.87	3.94	2.35	28.37	
TOTALS	25.54	25.41	28.77	29.61	30.84	34.73	27.49	33.47	27.76	36.25	299.87	
	D	D	D	D	D	D	D	D	D	D		

1948. Totals amended (in red ink) by allowance for errors in measuring glass (Enc. 5A. 3/16 E7209/48)

1947 Totals amended from Feb. 12 by allowance for errors in measuring glass (Enc. 5A. file E7204/48) 26.11.49 A.W.D.

Now measure (paper) taken into use 10.11.49. (Rainfall 1st-9th corrected).

20.10.49. Inspected by Dr G. G. P. - Site very good & gauge in good condition. Uncertified measure was later tested and found 15% in error.

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

Air Ministry, Meteorological Office

Station No. 9252

RAINFALL at Welshpool (County School) H.M.R. 1952

County of Montgomery

Observer The Headmaster

River Basin S-Severn Left Bank

Type of Gauge _____

Annual Average 30.1 in. based on 13 years obs. Wt.-weighted. Period of average 1881-1915 Ref. S
 " " 30.68 " 35 " " " 1916-50 " " " 1916-50 " " " A.W.S.
 File No. _____

Diameter ...	<u>5"</u> <u>424215</u>									
Height ...	<u>1'</u> <u>1</u> Do Not Punch									
Altitude ...	<u>254'</u> <u>51</u>									
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	Means
January ...	<u>3.69</u>	<u>3.33</u>	<u>0.73</u>	<u>2.21</u>				<u>2.99</u>	<u>4.75</u>	<u>5.91</u>
February ...	<u>4.18</u>	<u>0.77</u>	<u>1.74</u>	<u>2.22</u>				<u>3.91</u>	<u>.20</u>	<u>3.50</u>
March ...	<u>4.50</u>	<u>1.29</u>	<u>1.85</u>					<u>.65</u>	<u>2.63</u>	<u>2.03</u>
April ...	<u>2.23</u>	<u>1.13</u>	<u>2.44</u>						<u>3.15</u>	<u>1.02</u>
May ...	<u>3.93</u>	<u>1.94</u>	<u>1.42</u>				<u>1.42</u>	<u>2.41</u>	<u>1.64</u>	<u>2.99</u>
June ...	<u>0.92</u>	<u>2.00</u>	<u>1.09</u>				<u>1.58</u>		<u>2.56</u>	
July ...	<u>1.43</u>	<u>1.16</u>	<u>3.26</u>				<u>4.05</u>		<u>3.01</u>	
August ...	<u>3.83</u>	<u>3.69</u>	<u>2.29</u>						<u>.51</u>	
September ...	<u>2.06</u>	<u>2.39</u>	<u>2.58</u>				<u>5.30</u>		<u>.14</u>	
October ...	<u>1.38</u>	<u>4.11</u>	<u>1.88</u>					<u>3.06</u>	<u>2.88</u>	
November ...	<u>6.23</u>	<u>2.66</u>	<u>2.26</u>					<u>1.59</u>	<u>3.63</u>	<u>5.48</u>
December ...	<u>4.24</u>	<u>2.65</u>	<u>0.99</u>					<u>2.02</u>	<u>5.22</u>	
TOTALS ...	<u>38.62</u>	<u>27.12</u>	<u>22.51</u>	<u>[mc]</u>			<u>[mc]</u>	<u>[mc]</u>	<u>30.32</u>	<u>inc.</u>
	<u>'D'</u>	<u>'D'</u>	<u>'D'</u>	<u>np</u>			<u>np</u>	<u>np</u>	<u>np.</u>	<u>np</u>

1954 np. inc

1957 np. inc

1958 np. inc

1959 np. readings unreliable.

1960 np. inc.

Position of Station on Ordnance One-Inch map: No. of Map _____ National Grid Reference ST 33 228270

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge

Summary of Earlier Records from 10-year Sheets:

1916 - 50 P accepted

Record D, or d	1910-19		1920-30		1931-40		1941-50		1951-60	
	1910-19	1920-30	1931-40	1941-50	1951-60	1910-19	1920-30	1931-40	1941-50	1951-60
	/	/	/	/	/	DBur 1917-19 Book	/	/	/	/