

RAINFALL at Glannon ReservoirCounty of CarmarthenObserver R.C. Jones, Esq. C.E.River Basin 3 - Loughor.Eng. Glancey, R.D.C.vi-24 { Bradford Rain Gauge, by
Gal. iron
good condition & correct

Diameter ...				5								
Height				1	0							
Altitude ...				860								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean	
January ...					7.19	5.00	10.21	7.37	12.22	3.56	11.75	
February ...					3.3	10.50	6.89	4.87	9.43	(2.33)	.83	
March				imp	3.30	1.38	1.47	6.81	2.35	2.45	3.60	
April				(4.39)	4.79	4.67	3.10	2.75	1.08	1.26	3.21	
May				(4.01)	6.48	6.67	3.49	2.29	.82	5.66	3.26	
June				(1.80)	5.04	.00	3.13	6.74	7.10	2.60	3.32	
July				3.46	6.24	2.56	5.09	6.71	5.29	4.73	6.37	
August				(6.77)	6.92	7.69	6.79	10.44	6.84	6.16	7.74	
September...				(5.92)	9.57	4.78	2.19	9.08	2.31	(1.20)	6.06	
October				(9.82)	9.79	9.05	4.79	4.66	11.12	(9.71)	11.32	
November...				(8.45)	4.84	3.61	12.21	9.06	12.21	13.52	6.23	
December...				(8.22)	13.24	5.43	.75	5.90	7.03	16.95	8.46	
TOTALS...				...	77.79	61.34	60.11	76.68	77.80	70.13	72.15	

Inspects 23. vi. 24 S. on flat grass land on top of hill near reservoir fairly good position but somewhat over-exposed. Recommended moving to SE. to get shelter from some of hill. About 50 yds from road, 15 yds from bridge to SE. Excellent position.
1928 Months appointed on A by surrounding stations.
1929 Feb, Sept. & Oct. adjusted by surrounding stations.

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1923	51° 46'	4° 6'	Gwm Mawr	2 1/2 mi	N.W.	Glannon	1 mi	S.W.

RAINFALL at Llanon ReservoirCounty of CarmarthenObserver R. E. Jones Llanelli to G.
R. D. C.River Basin S. Loughor & C.

Type of Gauge

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

667 861/26

Diameter	5.										
Height	1. 0.										
Altitude	860										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.20	10.59	4.09	8.09	1.64	5.37	7.97	8.90	6.65	5.93	6343
February	4.89	.00	6.05	.72	7.12	2.33	8.34	3.46	5.39	5.37	4367
March	2.21	2.83	4.70	4.06	1.12	3.93	2.66	1.40	2.66	5.53	3110
April	3.76	5.19	2.81	4.08	6.49	3.64	4.06	.12	3.73	2.60	3648
May	5.55	5.69	2.09	3.70	1.85	.90	2.38	6.70	1.27	1.61	3174
June	5.91	3.70	3.21	3.46	6.07	3.92	2.33	5.26	4.15	.84	3826
July	6.89	5.85	4.73	.25	1.19	9.36	4.21	6.88	11.75	4.51	5542
August	5.95	1.66	2.62	5.63	2.33	2.82	2.19	3.67	5.10	.52	3249
September	3.66	5.78	2.39	5.90	9.76	4.01	4.02	3.07	1.78	2.42	4279
October	3.63	11.65	8.58	7.11	8.43	2.78	4.37	11.07	3.37	7.60	6909
November	14.55	5.94	1.66	3.34	9.53	7.05	3.24	9.23	13.75	9.43	7832
December	3.68	5.58	1.93	15.91	3.79	6.51	4.74	6.09	4.56	5.86	5265
TOTALS	64.88	64.46	44.86	62.35	59.32	52.62	51.01	66.15	64.16	52.22	58203

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.			Llanelli	7 1/2 m.	S. S. W.	Llanon	1 1/2 m.	S. W.
1935			Llanadock	9 m	N. W.	Llanadock	2 1/2 m	N. W.
1940	-	-	as	1931	-	-	-	-

Station No. T.E. 411RAINFALL at Blannon Reservoir

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County of Carmarthen Observer Manally R.D.C.River Basin 3-bangor and C.

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average RefFile No. 667.8.6.1.2.6

Diameter	5			498	911						
Height	10				1			OM	T		
Altitude	860				41			↓	↓		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.82	6.71	8.82	6.95	4.29	8.85	4.72	(10.11)	2.48	(2.10)	
February	5.85	1.10	3.37	2.01	7.44	4.57	1.13	3.80	(2.38)	(9.00)	
March	3.44	4.97	1.91	1.38	4.96	2.60	10.50	(3.57)	(2.50)	(3.00)	
April	1.11	1.87	2.17	4.15	3.72	1.17	4.84	(2.50)	(4.00)	4.06	
May	3.26	7.06	5.83	2.24	4.19	3.12	3.26	(3.50)	3.42	2.41	
June	1.25	.32	5.37	3.83	7.15	7.81	3.33	(5.00)	.39	3.65	
July	4.39	4.59	5.17	4.66	5.33	3.07	5.00	(3.00)	2.31	8.04	
August	6.92	8.95	6.99	6.31	4.02	7.65	.58	(8.80)	(4.20)	11.67	
September	.48	4.98	7.76	6.94	7.40	12.47	3.90	(6.80)	1.19	12.55	
October	6.38	6.06	7.42	9.85	5.49	3.42	1.60	(6.20)	9.00	5.00	
November	4.59	.93	4.23	10.89	.83	9.63	5.67	(5.00)	6.41	8.22	
December	5.98	8.56	3.28	6.14	8.67	6.48	5.04	(9.90)	5.69	3.80	
TOTALS	46.47	56.10	62.32	64.35	63.49	70.84	49.57	68.18		(73.50)	
	W.	W	W	W	W	W	W	W	W	W	

1944 gauge leaking. New gauge ordered 7/45

1948 Gauge leaking - Repaired 14.12.48. N.P. too much est. (each month put est.)

1950 New gauge installation on same site on 27 March, 1950. April reads of 4.06 from new gauge compared with 2.77 for old.

1949 no too much estimation.

70004

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

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1941			Manally	7 1/2	SW	Blannon	1 1/2	SW

BRITISH RAINFALL ORGANIZATION

Air Ministry, Meteorological Office

 Station No. 4111

 T.F. 57

 RAINFALL at Llannon Reservoir

 County of Carmarthen

 Observer Llanelly M.C.

 River Basin 3 - Loughor & C

Type of Gauge _____

 Annual Average _____ in. based on _____ years obs. un-weighted. Period of average _____ Ref. 5
 " " 63.96 " " 13 " " within 1924-57. " " 1916-50
 File No. 667861/226

Diameter ...		<u>5"</u>				<u>498</u>	<u>911</u>					
Height ...		<u>1'</u>					<u>1</u>					
Altitude ...		<u>860'</u>					<u>51</u>					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...		<u>7.64</u>	<u>2.79</u>	<u>4.36</u>	<u>5.23</u>	<u>8.13</u>	<u>7.88</u>	<u>5.57</u>	<u>6.70</u>	<u>8.33</u>		
February ...		<u>1.20</u>	<u>4.09</u>	<u>7.45</u>	<u>3.30</u>	<u>0.46</u>	<u>5.81</u>	<u>7.28</u>	<u>1.14</u>	<u>6.35</u>		
March ...		<u>5.90</u>	<u>3.92</u>	<u>5.92</u>	<u>5.44</u>	<u>2.70</u>	<u>8.74</u>	<u>1.52</u>	<u>5.79</u>	<u>2.06</u>		
April ...		<u>5.01</u>	<u>3.58</u>	<u>1.81</u>	<u>5.06</u>	<u>1.35</u>	<u>.90</u>	<u>1.61</u>	<u>5.71</u>	<u>4.74</u>		
May ...		<u>5.02</u>	<u>5.01</u>	<u>4.79</u>	<u>5.09</u>	<u>2.32</u>	<u>3.39</u>	<u>4.83</u>	<u>.89</u>	<u>2.99</u>		
June ...		<u>4.87</u>	<u>3.68</u>	<u>6.89</u>	<u>7.28</u>	<u>3.52</u>	<u>2.21</u>	<u>6.59</u>	<u>3.36</u>	<u>3.20</u>		
July ...		<u>2.06</u>	<u>7.17</u>	<u>5.70</u>	<u>1.62</u>	<u>3.59</u>	<u>6.09</u>	<u>6.41</u>	<u>4.61</u>	<u>7.66</u>		
August ...		<u>6.64</u>	<u>5.77</u>	<u>7.34</u>	<u>1.12</u>	<u>6.68</u>	<u>5.29</u>	<u>5.95</u>	<u>2.63</u>	<u>8.82</u>		
September ...		<u>2.35</u>	<u>8.17</u>	<u>9.09</u>	<u>2.76</u>	<u>7.11</u>	<u>12.20</u>	<u>12.93</u>	<u>0.49</u>	<u>5.99</u>		
October ...		<u>5.66</u>	<u>4.47</u>	<u>13.45</u>	<u>3.20</u>	<u>2.62</u>	<u>6.91</u>	<u>6.95</u>	<u>7.46</u>	<u>8.85</u>		
November ...		<u>5.16</u>	<u>8.99</u>	<u>13.59</u>	<u>4.34</u>	<u>1.99</u>	<u>2.73</u>	<u>4.93</u>	<u>11.78</u>	<u>14.89</u>		
December ...		<u>5.29</u>	<u>2.56</u>	<u>6.64</u>	<u>7.70</u>	<u>6.13</u>	<u>5.09</u>	<u>6.13</u>	<u>12.17</u>	<u>7.62</u>		
TOTALS ...		<u>56.80</u>	<u>62.21</u>	<u>87.23</u>	<u>52.59</u>	<u>46.70</u>	<u>66.94</u>	<u>70.70</u>	<u>63.13</u>	<u>81.50</u>		
		<u>N</u>	<u>W</u>	<u>W</u>	<u>W</u>	<u>N</u>	<u>W</u>	<u>W</u>	<u>W</u>	<u>W</u>		

1955 Feb. adjusted

1956 April part est. Eng agrees

1957 Insp. Mr. O'Kune (5/57) Sile G/E. Turf wall required + fence to protect it.

Position of Station on Ordnance One-Inch map:

No. of Map _____

 National Grid Reference SN(22)552102

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

Summary of Earlier Records from 10-year Sheets:

	1910-19	1920-30	1931-40	1941-50	1951-60
Record or d		<u>1920-22 N.R.</u> <u>1923-29 W</u> <u>1930 Blunk</u>	<u>1931-2 Blunk</u> <u>1932-40</u>	<u>All W except 1949</u> <u>1948-2 N.P.</u>	

PRB/M036