

RAINFALL AT Swansea W. W. Gray Reservoir No. 1

Lat. _____

Lon. _____

County of Buckingham

Rain Gauge, by _____

Observer R. H. Wyllie, C.E.No. 7. Swansea

Diameter ...									5		
Height									1.0		
Altitude ...									1030		
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...	9.73	6.21	4.21	12.78	11.72	3.49	13.26	4.84	6.36	3.98	
February ...	7.00	3.07	2.82	8.32	8.52	2.74	7.85	4.17	4.88	1.32	
March	1.79	7.26	4.02	14.15	3.26	10.94	5.66	3.94	7.15	6.70	
April	3.47	6.79	4.29	2.76	6.68	8.52	1.57	5.24	2.86	6.10	
May	5.17	1.52	3.72	4.89	3.92	4.46	5.39	5.04	5.33	2.84	
June	6.21	3.78	2.77	1.98	2.80	3.89	3.95	9.45	1.84	4.40	
July	4.30	2.53	2.55	3.69	3.47	2.22	1.52	6.26	6.17	4.83	
August	6.68	5.94	3.81	10.15	4.39	7.70	6.15	6.47	7.67	2.62	
September ..	3.70	5.48	3.71	8.20	4.82	4.36	1.48	2.11	4.37	5.10	
October ...	10.36	5.60	7.58	20.06	3.66	4.19	11.24	10.72	2.59	12.58	
November ..	6.49	3.63	7.55	5.47	4.16	7.87	7.22	5.77	5.32	3.50	
December ...	15.37	11.78	7.02	7.04	8.55	3.06	5.32	11.39	7.18	14.26	
TOTALS ...	80.27	63.59	54.05	99.49	65.95	59.44	70.58	75.40	61.72	69.23	

1900-1907 ~~Swansea~~ Swansea No. 20 entered N. 22. 7

by R. H. Wyllie, C.E.

N.B. A Halliwell recorder is situated within a few yards of this g. which is $\frac{1}{4}$ mi. NE. of No. 2, and further from the mountains
R.H.W. 8.X.09

$51^{\circ} 53' 5''$ N. $3^{\circ} 37' 2''$ W

RAINFALL AT

Swansea W.W. Gray Reservoir No 2

Lat. $51^{\circ}52'32.5''$ NLon. $3^{\circ}37'36''$ W

County of Brecknock

Rain Gauge, by

Observer R. H. Wynill Esq. C.E.

Inst - 7.

Diameter ...									5		
Height									10		
Altitude ...									1015		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...	9.52	7.97	4.98	13.66	13.29	3.82	(13.40)	5.17	8.56	5.05	
February ...	6.79	3.82	2.86	10.13	9.98	3.79	9.53	4.72	5.74	1.65	
March	1.83	7.57	4.93	16.56	3.81	12.34	7.22	4.43	8.66	7.93	
April	3.24	7.67	4.57	3.25	8.01	9.72	1.92	5.82	3.36	5.94	
May	5.52	1.55	4.39	5.50	4.47	.79	6.64	5.68	7.49	2.85	
June	7.54	3.83	3.13	1.93	3.18	4.39	4.24	10.54	1.95	4.80	
July	2.38	2.54	2.88	4.56	3.96	2.52	1.61	7.72	9.45	5.90	
August	9.30	5.99	5.12	12.10	4.63	8.92	6.92	6.90	8.84	2.82	
September ..	3.72	5.48	4.04	9.44	6.07	4.75	1.79	2.57	5.41	5.80	
October ...	10.91	6.11	8.65	22.70	4.33	4.90	13.25	12.33	2.85	17.60	
November ..	7.61	3.90	7.95	6.47	5.32	9.78	7.92	7.22	7.44	4.58	
December ...	15.98	13.16	9.02	7.24	9.11	3.66	5.75	13.67	9.04	16.25	
TOTALS ...	84.34	69.59	62.52	113.54	76.16	69.38	80.19	86.77	78.79	81.17	

1900-07 ~~1900-07~~ and 11.20 series XI.23.

P. H. H. H. H. H.

g. 1 1/2 mi. SW of Hol. and nearer the mountains S. x. 09.

RAINFALL at Swansea W.W. Gray Res No 2

County of BreconObserver R H Wyllie Esq. C.E.River Basin UskRain Gauge, by N 53Cal. via Dia. of aperture

about 4.99

Rod not tested but clearly accurate

} 11.2.20

Don't read this carefully												
Diameter ...	5											
Height	1.0											
Altitude ...	1015									1020		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-1919 Means. Totals	
January ...	9.17	5.00	7.23	13.20	8.22	6.70	10.72	4.10	9.62	10.50	35.24	
February ...	12.40	10.50	10.98	5.58	14.20	14.70	11.53	1.30	7.63	5.80	26.26	
March	3.05	4.50	15.70	15.22	12.30	3.03	4.06	5.48	4.50	11.35	25.29	
April	5.74	5.60	1.03	13.37	3.40	5.60	6.40	4.63	3.18	4.77	18.98	
May	4.23	3.03	2.87	6.30	6.30	5.13	4.33	5.00	3.63	2.54	15.50	
June	7.24	5.90	8.20	4.93	3.00	3.04	5.20	4.63	2.60	3.10	15.53	
July	7.90	.83	6.70	1.82	8.00	10.10	5.00	5.35	9.00	1.74	21.09	
August	10.56	7.52	13.27	3.80	8.50	4.00	7.30	19.60	3.72	5.16	35.78	
September ..	.74	5.20	1.40	5.10	3.70	1.40	4.54	5.20	14.50	5.30	29.54	
October ...	4.45	6.54	9.70	7.52	4.40	5.00	17.90	13.05	7.74	5.44	42.13	
November ..	10.70	13.42	8.20	14.44	10.10	6.30	10.07	5.53	6.72	5.68	28.00	
December ...	14.60	19.50	16.22	6.24	18.15	18.50	6.90	3.93	16.04	15.80	42.67	
TOTALS ...	90.78	87.54	101.50	97.52	100.27	85.50	93.95	77.80	88.88	75.38	336.01	

T. Inspector C.E. 11.2.20.

S. in E. of reservoir on rough grass about 50 yds. from high water & say 15 ft. above. Windy, but a quite good site. Only can waterlight, some water in inner can will be got out & can be used for birds.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	51° 52' 55"	5° 37' 36"						

RAINFALL at Swansea W.M. Cray Res No. 1County of BreconObserver R. H. Wyllie Esq. C.E.River Basin Usk 7Lo G. R. Robinson R.E.Standard Rain Gauge, by
Copper mountedDate of obs. 11.2.20

Diameter ...	5											
Height	1 0										11.2.20	
Altitude ...	1030		1032							1044		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January	7.94	3.54	7.73	12.19	6.24	6.31	5.95	2.29	8.16	10.11		
February	9.71	7.18	7.09	4.80	11.20	11.01	9.66	1.63	5.97	5.38		
March	2.80	3.62	13.04	14.14	8.80	1.87	4.08	4.83	3.84	9.98		
April	5.11	4.17	.63	11.84	2.66	2.95	3.99	3.47	2.22	3.74		
May	3.14	2.21	2.26	6.15	5.57	3.49	3.86	4.66	3.19	1.85		
June	7.18	4.93	7.61	3.02	3.19	2.14	4.35	3.45	2.48	3.34		
July	6.41	.71	6.08	1.56	7.75	7.50	3.10	4.26	9.18	1.40		
August	9.58	7.12	12.20	2.27	6.53	3.22	5.98	16.01	2.40	4.61		
September	.76	3.60	1.07	4.60	2.21	1.06	3.45	3.11	12.21	4.18		
October	5.12	5.33	7.77	7.65	4.15	4.67	14.89	9.31	5.70	3.10		
November	8.48	10.51	5.13	10.39	7.36	4.73	7.54	5.80	5.56	5.42		
December	12.42	17.44	12.82	4.56	12.79	15.04	5.18	2.10	11.83	14.03		
TOTALS	78.65	70.36	82.53	83.20	78.45	63.99	72.03	64.62	72.74	67.19		
	D	D	D	D	D	D	D	N.O.	D	D		

7 Infield Ct. 11.2.20

G. enclosed in 5 ft. circ. iron rail fence
3 ft. high. G. 30 yds S. of ReservoirGauge was renewed 2 yrs ago, the old one being also known; measure of
joints with glass plates to each side, correct within .005

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	52° 53' 5"	3° 37' 2"	Cray			Cray.		

RAINFALL at Swansea WW Clay ReservoirCounty of BreconObserver R H Wynall Esq C.E.River Basin UkW. G. R. Collinson R.E.Recorder Rain Gauge, by Hallwell

Diameter ...						11		5			
Height						20		10			
Altitude ...						1030					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...						6.30	5.95	2.29			
February ...						11.03	9.65	1.63			
March						1.88	4.07	4.83			
April						2.91	3.97	3.97			
May						3.48	3.86	4.36			
June						2.14	4.35	3.85			
July						7.48	3.10	4.36			
August						3.22	5.93	16.01			
September ..						1.05	3.40	3.11			
October ...						4.67	14.88	9.31			
November ..						4.71	7.53	6.30			
December...						15.03	5.18	2.60			
TOTALS ...						63.90	71.87	61.62	NR.		

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Swansea W.W. (Cray R.R.) No. 2County of GloucestershireObserver Lieut. G.R. Collier R.E.River Basin 7(1926) Major F. HildbertSwansea Rain Gauge, by 113Swansea W.W.Monthly.

Diameter ...	5												
Height	1.0												
Altitude ...	1020												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 TOTALS	
January ...	12.94	14.10	9.88	7.63	9.47	10.63	13.95	10.00	19.50	4.19	15.30	127.59	
February ...	5.32	28.12	3.4	16.40	2.10	13.50	9.35	7.48	10.12	2.72	1.27	80.88	
March	11.30	11.15	10.20	3.90	4.20	1.97	2.45	11.34	7.38	1.92	4.97	70.88	
April.....	14.40	2.30	6.20	6.26	7.80	6.95	4.72	3.84	3.93	1.02	4.70	62.12	
May	6.72	4.02	3.30	6.40	7.20	9.22	4.33	3.17	.51	7.00	4.20	56.17	
June	6.10	1.03	2.60	2.25	5.80	.22	4.00	8.10	10.54	4.45	4.80	49.89	
July	11.47	5.75	10.23	6.14	7.23	4.03	5.90	8.86	5.50	4.34	8.50	77.95	
August	4.21	10.08	6.49	9.25	11.10	7.02	7.91	14.47	10.50	7.50	9.00	97.58	
September..	6.82	4.60	5.75	7.62	12.85	6.40	4.20	11.48	3.53	2.64	8.82	74.71	
October.....	7.52	4.04	2.79	13.50	11.05	12.47	7.23	11.45	14.74	12.49	11.64	108.92	
November...	5.10	5.70	6.63	8.20	7.03	7.26	16.12	8.80	16.04	24.21	10.81	115.89	
December...	12.60	10.04	13.19	9.80	16.40	9.08	1.11	5.28	9.00	21.00	10.50	118.00	
TOTALS...	104.50	70.09	89.60	97.35	102.38	88.74	81.27	104.27	111.29	93.48	94.61	1040.58	

† Inspected 11/2/20. G. on edge of reservoir on right side about 30 yds. DP
from high water to say 15 ft. above. Wholly tuba quite good with. Outer can
water tight, inner water 4. inner can will be put out and can tested for leaks.

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

Map, 2 miles to 1 inch Series

Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	51° 32' 33"	7° 16'	Cray	2.4	NNE	Cray	2.52	NNE

RAINFALL at Beaconsfield W.V. (Cray Res.) No. 1County of BaconObserver Lieut. G. R. Collinson, R.F.River Basin 7(1926) ^{St. Col.} Major F. Hibbert.Howden Rain Gauge, by N.3.

+A

Diameter ...	5										
Height	1.0										
Altitude ...	1044										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	11.79	12.06	8.76	5.35	8.18	9.12	12.50	9.24	17.14	3.00	14.77
February ...	3.39	1.8	10.69	16.63	1.35	11.93	6.16	7.44	10.17	2.35	6.4
March	9.64	10.30	7.30	3.46	3.33	1.41	1.41	8.21	8.08	1.70	5.02
April	12.26	1.54	5.20	5.38	7.37	5.70	4.42	2.83	3.12	.90	4.50
May	5.32	2.95	2.23	4.87	5.50	2.20	4.15	2.61	4.5	7.11	3.63
June	5.24	4.8	2.17	1.63	4.76	.16	3.27	6.34	8.64	3.70	3.40
July	9.36	4.20	8.88	4.74	6.83	2.72	4.60	8.58	4.46	3.81	8.25
August	3.52	8.50	5.14	6.90	2.33	6.46	6.07	12.07	8.31	5.88	8.32
September...	5.48	3.11	4.85	6.55	9.99	5.24	2.98	9.52	2.56	2.55	7.26
October	7.90	3.37	2.61	11.53	9.58	10.66	6.58	9.31	13.70	10.02	10.16
November...	4.16	5.09	3.92	6.88	5.43	5.47	14.29	6.80	14.32	20.95	8.47
December...	11.28	7.29	11.25	6.32	15.23	7.24	4.9	5.13	8.43	19.12	9.09
TOTALS...	893.459	977.300	80.29	85.88	75.51	66.92	88.58	99.38	81.09	83.51	

Inspected 6d. 11/2/20. G. enclosed in 5ft. of 4in. trailed fence
 5ft. high. G. 20yds. S. of 1st point.

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	Parish Church.	Distance from gauge	Direction
1920.	51°53'5"	3°37'20"	Cray.	1.89 mi.	NNE	Cray.	1.76 mi.	NNE

RAINFALL at Swansea W.W. (Gray Reservoir) No 2County of BreconObserver St. Col. E. Bennett, R.E.River Basin T. Uck.Jas. Hassall Esq. (1934)Type of Gauge 

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

Ref.

666 267/26

Diameter	5.											
Height	1.0											
Altitude	1019											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means 1931-40	1931-40
January	9.50	16.00	9.11	14.50	2.75	9.63	15.75	16.02	12.78	5.00	111.04	
February	7.33	.08	10.24	1.02	10.75	5.00	14.00	5.55	9.14	7.75	70.86	
March	2.50	4.82	7.85	7.75	2.62	5.50	6.50	2.00	4.50	9.50	53.54	
April	6.47	8.25	3.62	6.00	10.40	4.50	6.30	.29	5.59	4.95	56.31	
May	7.25	9.04	2.70	14.72	3.60	1.97	3.25	6.81	6.50	3.75	44.59	
June	7.50	3.15	3.72	3.75	9.60	5.07	3.14	7.50	6.00	1.25	50.68	
July	9.50	8.65	7.96	1.82	2.00	11.89	4.65	5.90	16.00	6.00	74.37	
August	8.25	4.25	2.45	7.07	3.41	1.75	1.26	6.00	4.25	1.25	39.94	
September	3.20	7.34	1.90	8.52	11.41	5.13	3.80	2.96	1.75	3.75	49.76	
October	3.48	16.13	12.20	9.91	12.04	6.00	4.66	14.79	4.50	9.50	93.21	
November	17.74	7.11	2.50	11.25	13.76	8.00	4.64	15.76	16.75	16.50	107.01	
December	5.52	7.34	3.05	20.66	8.30	14.57	8.10	9.00	7.25	7.25	91.04	
TOTALS	88.24	92.16	67.30	89.97	90.64	79.01	76.05	92.58	89.95	76.45	842.35	

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			Gray	2.34 m.	N.N.W.	Gray	2.52 m.	N.N.E.

RAINFALL at Swansea W.W. (Gray Reservoir) No 1 (4A)County of BreconObserver St. Col. G. Sibbitt, G.E.River Basin Y. uskJas. Hassall Esq. (1924)Type of Gauge 

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

666267/26.

Diameter	5.											
Height	1.0.											
Altitude	1048											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean Total	
January	6.42	13.86	7.58	10.98	1.76	9.12	12.70	12.30	12.30	3.19	9021	
February	5.37	.07	7.57	.70	9.01	4.09	10.44	3.58	6.89	5.77	5349	
March	1.19	4.45	7.03	6.17	1.63	5.56	6.26	.51	3.20	6.88	4288	
April	5.30	6.66	2.22	5.34	9.33	2.86	4.41	.08	4.83	4.38	4641	
May	7.48	7.58	2.47	3.70	2.88	1.93	2.77	6.21	.94	2.05	3801	
June	7.27	3.07	4.02	2.37	7.40	4.31	2.69	5.81	4.96	.89	4279	
July	8.26	5.19	6.69	1.22	1.37	10.19	2.94	5.44	13.38	4.49	5917	
August	7.08	2.75	1.77	5.26	2.53	1.61	.84	4.36	3.61	.62	3043	
September	3.06	5.95	1.63	6.42	9.02	4.31	2.69	2.26	1.06	3.27	3967	
October	2.38	13.12	10.28	7.37	8.87	3.68	3.57	12.14	4.10	8.24	7375	
November	15.34	6.06	1.76	3.29	11.21	6.20	3.18	11.89	12.74	15.81	8747	
December	4.06	6.07	1.95	17.49	6.33	11.10	5.21	7.75	4.48	5.09	6958	
TOTALS	73.21 D	74.83 D	54.96 D	70.31 D	71.39 D	65.96 D	57.70 D	72.33 D	72.49 D	60.68 D	67381	

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
			<u>Gray</u>	<u>1.59m</u>	<u>N.N.E.</u>	<u>Gray</u>	<u>1.76m</u>	<u>N.N.E.</u>

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

Station No. T.F. H 188

RAINFALL at Lwansan W.W. (Cray Reservoir) No. 2

41

County of BreconObserver J. Hassall Esq.River Basin 7-116kT. Price Esq. A.M.I.C.E.Type of Gauge 

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

File No. 666.257.26

Diameter	5				481	830					
Height	10										
Altitude	1019					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	4.25	7.75	13.50	9.00	5.25	10.50	8.25	16.00	3.50	8.25	81.25
February	9.50	1.00	5.25	2.25	9.00	5.25	2.50	4.50	3.50	11.25	54.00
March	6.75	5.75	2.25	.75	5.00	3.00	14.00	4.00	3.25	5.25	50.00
April	2.75	4.50	2.50	4.75	4.25	2.25	6.00	4.00	5.75	5.00	42.25
May	5.25	10.50	8.25	2.25	6.25	4.25	4.75	5.75	7.25	3.00	57.50
June	2.00	1.00	7.50	4.75	8.25	8.25	3.50	7.50	1.24	4.00	47.99
July	4.50	7.25	6.00	4.75	4.75	5.00	4.75	3.50	2.00	8.25	50.75
August	8.50	8.25	7.25	4.25	5.76	12.00	.75	8.41	4.14	12.00	71.31
September	.85	6.75	8.25	7.25	7.25	12.00	3.75	8.00	3.25	11.00	68.35
October	8.75	8.50	8.75	10.25	7.25	3.00	2.25	5.25	12.25	4.75	71.00
November	6.75	2.50	6.00	11.25	1.50	15.50	7.25	4.00	8.25	9.50	72.50
December	6.50	12.25	4.00	7.00	11.00	9.25	6.00	15.75	7.50	4.66	83.91
TOTALS	66.35 M	76.00 M	77.50 M	68.50 M	75.50 M	90.25 M	63.75 M	86.66 M	61.88 M	82.41 M	750.81

1944: English Station Gauge slightly over-exposed but any other sites in vicinity would be of similar nature. (H.R.)

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

BRITISH RAINFALL ORGANIZATION

Station No. T.F. 14189

RAINFALL at Lwansea W.W. (Cray Reservoir) No. 1

41

County of BreconObserver Tas. Hassall Esq. died 1902.River Basin 7-162T. Price Esq. (AMR) (1911)

Type of Gauge

(11) (+A)

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

Ref

File No. 666267/26

Diameter	5				481	854						
Height	10					1						
Altitude	1043					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals	
January	3.64	6.96	11.76	7.92	4.86	10.35	8.07	15.56	3.15	2.75	75.02	
February	7.13	4.4	4.22	1.62	8.60	4.85	2.39	3.94	3.40	10.82	47.74	
March	4.61	4.60	1.33	.67	4.13	2.90	13.67	3.89	3.17	5.03	44.00	
April	1.62	3.49	1.94	3.70	3.98	2.19	5.85	3.93	5.54	5.18	37.42	
May	4.36	8.54	7.60	1.83	5.72	4.10	4.61	5.58	6.98	2.84	52.16	
June	1.56	7.3	5.10	4.21	8.09	7.69	3.43	7.28	1.18	3.72	42.99	
July	3.84	5.47	4.40	4.10	4.59	4.66	4.48	3.45	1.97	7.93	44.89	
August	7.04	6.06	5.99	4.34	5.29	10.01	7.6	8.32	3.64	12.27	63.72	
September	7.4	5.78	7.55	6.39	6.58	10.86	3.59	7.84	3.20	10.11	62.64	
October	7.97	6.20	8.28	9.90	7.07	2.61	2.03	5.19	11.31	4.45	65.01	
November	5.05	1.55	3.91	10.82	1.40	13.07	7.10	3.77	7.90	9.30	65.87	
December	6.31	11.56	3.49	6.92	10.64	8.80	4.93	15.59	7.26	4.44	79.94	
TOTALS	53.87	61.71	65.57	62.42	70.95	84.09	60.91	84.34	58.70	78.84	684.40	✓

1944. Engle station - Gauge fairly well sited, Res. Keeper's house 70' N. (112N), but to ensure complete accuracy for this important gauge, he will move it about 30' South of house, maintaining same altitude.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

BRITISH RAINFALL ORGANIZATION

Station No. 4188 TR 76

RAINFALL at Swansea W.W. (Pray Reservoir) No 2 51

County of Brecknockshire Observer T. Price Esq CE

River Basin 7- Vsh

Type of Gauge

Annual Average 11.7 in based on 12 years obs. un-weighted. Period of average 1881-1905 Ref. PB592
84.85 - 35 - 1916-1950 rejected 1916-1950
not homogeneous File No. 666.267/26 P

Diameter ...	5"				481	830					
Height ...	1' 0"					1					
Altitude ...	1019'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	9.75	7.50	2.54	4.95	8.79	11.69	18.53	8.82	9.73	11.17	93.47
February ...	8.41	2.00	4.25	10.23	3.67	1.09	12.14	12.86	6.09	10.98	66.31
March ...	7.50	6.25	5.85	7.28	5.28	4.93	11.12	2.18	9.23	4.77	63.79
April ...	5.25	5.75	6.75	2.19	7.19	2.89	1.17	2.53	7.91	7.21	48.84
May ...	6.00	6.25	4.75	6.87	8.73	3.13	5.27	8.32	2.63	2.83	52.78
June ...	2.50	5.25	3.25	7.82	9.79	6.08	2.15	5.17	6.53	4.23	52.77
July ...	2.25	2.75	7.75	7.86	1.61	6.18	8.17	6.46	7.27	9.73	60.23
August ...	9.25	9.50	5.75	9.87	2.49	9.73	7.63	5.76	1.69	6.83	68.50
September ...	6.75	5.00	7.75	10.93	4.45	9.27	44.84	14.27	6.1	7.38	81.25
October ...	2.25	7.75	5.75	21.23	4.93	4.96	8.51	8.13	10.13	11.13	84.77
November ...	13.75	6.00	9.75	19.67	6.67	2.68	4.76	4.43	14.73	19.27	101.71
December ...	9.25	6.50	2.75	12.85	12.89	11.08	8.18	8.67	17.87	11.76	101.80
TOTALS ...	80.50	70.50 M	66.89	121.75 no obs	76.49 a.p.	73.71 no	102.47 np	87.80	89.42 np	106.69 np	876.22

In 1954 R.P. Check
1955 a.p. check
1957 np check
1958 ap check
1959 " "
1960 np check
Terminated 1961

In 1954 A storm broke very close to the gauge
was cut down. For immediate improvement
- catch was apparent.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference SN(22) 8802102

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

Summary of Earlier Records from 10-year Sheets :

1916-1959, P- accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	1910-19 -	1920-30 -	1931 M 1932-38 - 1939-40 M	M	

Station No.

A188/1 TF 7

RAINFALL at SWANSEA W.W. (GRAY RESERVOIR) No. 2. (New) 51

County of BRECKNOCKSHIRE

Observer T. PRICE, ESQ., C.E.

River Basin 7- USK.

Type of Gauge OCTAPENT. (1954)

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

File No. 666.267/26

Diameter ...			5"			481	832				
Height ...			1'0				1				
Altitude ...			1019'				51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...			100	5.30	9.05	12.13	18.95	9.15	9.85	11.45	
February ...			1	11.45	4.13	1.15	12.55	13.15	1.15	11.15	
March ...				8.00	6.85	5.15	11.35	2.25	9.35	4.25	
April ...			100	2.45	7.85	2.15	1.25	2.65	7.95	7.35	
May ...			5.50	7.15	9.16	3.45	5.45	8.55	2.65	2.95	
June ...			3.25	8.32	10.15	6.35	2.30	5.25	6.65	4.35	
July ...			9.00	8.15	1.75	6.65	8.35	6.75	7.35	9.95	
August ...			6.00	10.35	2.65	10.15	7.85	5.85	1.75	6.95	
September ...			8.75	11.45	4.75	9.45	15.15	14.65	.65	7.45	
October ...			7.55	21.70	6.25	5.15	9.35	8.25	10.35	11.25	
November ...			10.00	20.05	6.75	2.75	4.85	4.55	14.95	19.35	
December ...			3.00	13.15	13.65	11.15	8.55	8.75	17.93	11.85	
TOTALS ...			100 up be.	127.52 H	80.98 M	76.68 M	105.95 M	89.80 M	90.48 M	108.30 M	

1955. New octapent set up 1/54 in better site 30' NE of old. Dip rod readings ~ 1953.

$$\frac{100}{101} = 114\%, 116\%, 110\%, 111\%$$

Position of Station on Ordnance One-Inch map :

No. of Map 140

National Grid Reference SN(22)88022099

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

Summary of Earlier Records from 10-year Sheets :

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

RAINFALL at [§] Swansea NW (Cray Reservoir) No. 14A) 51
 Station No. 4189
 County of Brecknockshire Observer T. Price, Esq., CE.
 River Basin T. Vsk
 Type of Gauge (HA)

Annual Average 67.2 in. based on 8 years obs. un-weighted. Period of average 1881-1915 Ref. PB 592

File No. 666267/26

Diameter ...	5"			481	854							
Height ...	1'0"				1							
Altitude ...	1043'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	9.60	7.18	2.43	4.79	7.75	11.42	16.15	8.15	10.15	10.85	8.85	88.47
February ...	8.17	1.95	3.54	10.10	3.95	1.02	10.79	11.88	7.8	10.81	6.30	62.99
March ...	7.25	6.07	5.62	7.30	5.56	4.78	10.86	1.74	9.19	4.05	6.24	62.42
April ...	5.16	5.57	6.35	1.76	6.32	2.74	.73	2.28	7.57	6.94	4.54	45.44
May ...	3.86	6.17	4.40	6.10	8.62	2.74	5.19	8.17	2.48	2.73	5.04	50.36
June ...	2.47	5.14	3.09	7.57	9.70	5.77	1.78	4.58	6.11	3.97	5.02	50.18
July ...	1.91	2.63	6.79	6.43	1.58	3.91	7.58	6.01	6.74	8.12	5.37	53.70
August ...	9.19	9.00	4.76	9.66	2.41	8.55	7.48	5.16	1.50	5.98	6.37	63.69
September ...	6.66	4.73	7.37	10.64	4.31	9.08	13.78	13.06	5.9	6.82	7.70	77.02
October ...	2.13	7.65	5.40	18.76	4.84	4.39	8.03	7.51	9.07	10.12	7.79	77.90
November ...	13.52	5.53	7.50	13.59	6.88	2.54	4.61	3.67	14.21	18.11	9.52	95.16
December ...	9.22	6.21	2.76	9.98	12.35	10.96	7.82	8.25	17.57	11.18	9.63	96.20
TOTALS ...	79.16 D	67.83 D	60.01 D	111.68 D	74.17 D	69.90 D	74.80 D	80.46 D	85.16 D	99.68 D	823.7 823.65	823.65

1954 Standard turf wall erected. §

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SN(22)83172187

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	1910-16 D 1917 NR 1918-19 D	D	D	D	