

RAINFALL AT Usk. Cray Station No 12

Lat.

Len.

County of Brecon

Rain Gauge, by

Observer

M Usk - 7

Diameter					5					
Height					10					
Altitude					930					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899
										MEANS.
January						6.10	2.80	3.60	4.00	14.00
February30	2.20	5.60	4.50	9.00
March						7.80	7.70	11.30	2.10	3.00
April						4.00	1.40	6.00	4.50	7.00
May						1.70	00	2.30	5.00	4.20
June80	2.90	3.10	4.00	1.50
July						6.60	2.70	2.20	1.00	1.80
August						7.20	3.90	9.20	6.20	2.00
September						1.40	1.30	10.80	7.10	2.50
October						# 8.30	5.10	8.60	3.50	8.20
November						12.00	11.40	2.50	7.50	5.50
December						6.40	5.30	13.10	18.00	12.50
TOTALS						57.60	58.60	79.30	60.00	64.80

RAINFALL AT Usk-Cray Station No. 12

Lat.

Lon.

County of

B.R.C.O.N.

Rain Gauge, by

Observer Met. Water Board Dr. H. R. Mill

Usk - 7.

M

M. Johnstone

Diameter ..	5										
Height ..	10										
Altitude ..	930										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	8.00	6.00	3.50	11.60	10.40	3.30	10.50	3.60	3.90	5.00	6.580
February ..	8.50	3.50	2.40	6.60	6.70	2.20	7.20	3.50	4.40	1.50	4.650
March ..	2.00	7.00	3.50	13.10	3.20	10.10	4.00	2.40	7.20	6.75	5.925
April ..	3.00	6.00	3.90	2.30	4.60	7.20	2.00	4.90	3.00	4.50	4.140
May ..	5.00	2.00	3.80	4.50	3.20	.70	1.20	4.70	4.90	2.00	3.200
June ..	4.50	3.00	3.30	2.00	2.00	3.70	1.50	6.90	1.50	4.25	3.265
July ..	3.50	3.50	2.10	2.70	2.70	.70	1.50	6.00	4.90	3.75	3.135
August ..	6.00	5.50	2.30	8.50	3.70	6.60	4.80	4.20	7.10	1.25	4.995
September ..	3.50	5.00	4.00	7.40	4.00	4.00	1.80	.90	4.00	3.25	3.735
October ..	8.50	5.50	5.30	16.80	2.80	3.50	9.20	8.80	2.20	13.25	7.535
November ..	6.00	3.50	6.00	4.50	4.20	6.00	6.50	4.00	5.70	3.75	5.015
December ..	14.00	10.50	5.90	6.00	6.70	3.00	4.70	8.20	6.80	13.00	7.880
TOTALS ..	72.50	61.00	46.00	84.00	54.20	51.00	54.40	57.60	55.60	62.25	60.055

Gauge moved from Station to Cray Post Office Jan. 1909.

Hub

+ Inspected

RAINFALL at Cray Station Post office

County of Brecon

Observer Mr J. Jones

River Basin Elak 7

Rain Gauge, by

Diameter ...	5										
Height	1 0										
Altitude ...	930										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	9.25 (3.50)	7.00	6.40	6.50	8.50	10.00		11.00	9.00		
February ...	12.50 (6.00)	6.00	5.20	14.00	14.10	10.00	{ 4.40	6.00	6.50		
March	3.00 (3.50)	13.00	13.80	14.50	2.10	3.10	4.70	5.50	9.50		
April	5.75 (4.00)	.60	12.60	(3.00)	3.00	6.00	3.90	3.00	3.80		
May	3.00	2.50	1.90	5.20	4.70	3.60	4.50	5.50	3.60	2.00	
June	5.50	5.00	6.50	3.20	2.70	3.30	4.50	3.30	3.50	4.00	
July	5.00	.70	4.50	1.00	4.70	8.50	2.50	4.80	6.00	1.80	
August.....	7.25	6.80	8.00	2.60	6.00	3.50	6.00	18.50	2.80	3.50	
September ..	.25	2.90	1.00	3.80	2.60	1.50	3.50	3.80	14.00	1.50	
October ...	3.25	5.80	7.50	7.00	4.50	4.70	16.70	12.50	6.50	2.50	
November ..	7.00	11.70	6.20	11.90	11.20	6.00	8.00	6.00	7.00	5.70	
December ...	15.25	12.50	12.50	5.60	18.90	18.20	5.00	3.00	15.50	10.00	
TOTALS ...	77.00 (64.90)	74.70	78.30	(93.30)	77.00	80.40	70.40	84.40	59.20	75.960	

1911 Jan - Apr est.

TR. '14 Can leaking - new cans sent

+ Inspected

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

Post Office (Co.)

RAINFALL at Gray Station,County of Brecon.Observer M. J. G. Jones, (paid obs)River Basin Wye 7

for M.O.

9.25 { Bradford Rain Gauge, by
 { M.O. 2 ft 13 in. above
 { ground level (approx)
 { measures 5 inch. Casella
 Rod 22
 { measure Casella 7712 (feet + rods 2 inches)}
 } measures round
 }

Diameter ...	5"	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January	19.00	12.50	1.00	5.60	7.70	9.60	11.50	11.50	15.00	3.00	14.80	
February	5.60	.80	5.00	17.00	1.00	14.30	6.50	8.00	8.50 (2.25)	.50		
March	9.40	9.00	8.50	2.60	3.15	1.65	2.00	8.50	6.50	1.75	5.50	
April	2.50	2.50	5.00	14.00	7.45	6.60	4.25	3.00	2.40	1.00	3.00	
May	4.50	3.20	2.00	3.70	6.00	7.60	3.50	2.50	9.0	(7.00)	3.50	
June	5.00	1.00	1.80	1.60	3.30	.00	2.50	6.50	8.40	3.55	3.00	
July	5.60	5.80	7.20	3.70	5.30	3.12	3.00	8.00	2.85	4.50	7.50	
August	3.50	7.20	4.10	5.80	6.60	5.35	6.00	13.00	8.90	5.00	8.50	
September	6.70	3.60	3.90	5.70	9.50	4.90	2.00	9.00	2.00 (2.50)	7.50		
October	7.00	3.60	2.80	11.30	8.77	14.30	6.80	8.00	13.00 (10.50)	13.00		
November	6.20	4.90	3.00	5.60	4.40	3.00	16.00	5.50	16.09	19.15	7.75	
December	10.50	9.50	9.30	7.50	14.00	8.50	1.00	6.00	7.40	19.00	9.00	
TOTALS...	95.50	63.50	63.60	74.00	77.17	77.92	64.75	89.50	92.54 (79.20)	83.55		

1920 G. repaired 2.20. New gauge - March 1920.

Installed 3. 22. 9.25. G. in garden behind Post Office. The gauge was about 1 ft. 6 in. above ground + somewhat sheltered by beans. The exposure on the whole excellent.

1929. Feb., Mar., & May set up from surv. 9 stat.
Sept. & Oct. adjusted from maps.

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
			Gray				

RAINFALL at Gray Post OfficeCounty of BreconObserver J.A. Jones for M.O.River Basin Taff

Type of Gauge

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

Ref.

908732/29

Diameter	5	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
Height	1.0											
Altitude	950											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	8.00	15.00	7.75	10.50	3.00	9.25	13.50	17.25	11.25	4.25	4.25	9.975
February	6.50	0.00	4.75	2.25	3.75	3.50	11.75	4.25	7.50	5.25	5.25	4.750
March	1.25	4.25	6.50	6.50	1.25	4.25	7.50	1.25	5.25	7.75	7.75	4.675
April	4.50	7.50	1.50	4.50	9.25	1.25	(5.25)	-2.25	4.75	3.75	3.75	4.250
May	6.50	7.50 (2.25)	3.75	1.25	1.00 (0.00)	4.50	1.25	2.25	2.25	2.25	2.25	3.325
June	6.00	2.75 (3.75)	2.50	6.75	6.75	2.50	6.50	5.50	7.5	4.75	4.75	4.175
July	5.75	4.75	4.50	2.50	1.00	17.50	5.75	5.75	12.75	6.00	6.00	6.625
August	7.25	1.50	7.5	5.25	2.50	2.50	7.5	3.75	2.75	2.50	2.50	2.950
September	2.25	1.50	1.25	6.50	16.50	4.25 (2.50)	3.00	(1.00)	3.75	3.75	3.75	4.450
October	1.75	14.25	10.50	7.25	9.50	4.75 (4.50)	11.25	3.75	8.75	8.75	8.75	7.625
November	19.75	6.75	2.50	8.75	11.50	11.50	2.75	12.25	14.75	18.50	18.50	10.400
December	4.75	4.50	1.25	17.25	6.25	14.25 (6.00)	8.00	4.75	6.50	7.250	7.250	
TOTALS	74.25	74.25	47.25	69.50	70.50	79.75 (64.75)	78.00	75.25	70.00	70.350	70.350	

1933. May & June recorded by surrounding stations.

1937 monthly totals for Apr., May, Sep., Oct., & Dec. adjusted from nearby stations.

1936 is very high

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
1931							

Station No. M 4190

41

RAINFALL at Cray Post Office

County of Brecon

Observer T. A. Jones, Esq., F.R.M.O.

River Basin T-Usk

Type of Gauge

Annual Average 69.1 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 306

File No. 908732/29

Diameter	5			482	109						
Height	1	0				1					
Altitude	930					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	(4.00)	7.15	12.25	11.25	5.25	10.75	9.50	15.25	3.75	(2.75)	82.50
February	7.00	5.50	5.75	1.75	10.25	7.50	2.25	5.75	4.25	11.50	56.50
March	4.25	5.25	1.50	.75	5.25	3.00	15.25	5.00	3.00	6.00	49.25
April	1.50	5.75	2.50	3.15	2.25	1.75	8.75	4.25	7.25	(6.50)	43.25
May	3.75	9.75	8.50	2.50	5.75	4.50	3.75	5.25	7.00	2.75	53.50
June	1.50	.75	5.25	4.50	8.50	5.75	3.50	7.50	.75	8.10	43.10
July	3.00	1.00	5.50	3.75	4.50	4.25	4.00	3.25	1.77	7.03	38.55
August	7.50	12.50	7.25	2.60	5.25	10.50	(1.75)	6.50	3.50	10.50	66.85
September	4.25	5.00	7.00	7.65	6.50	10.75	(3.50)	7.75	2.75	11.50	63.65
October	7.00	6.50	8.50	11.00	8.75	2.50	(1.75)	4.75	12.50	3.50	66.75
November	6.25	1.75	5.75	11.75	1.25	18.50	(7.50)	4.00	8.50	10.50	75.75
December	7.50	13.50	3.25	7.15	9.00	8.50	6.25	17.25	9.50	8.50	88.00
TOTALS	54.50	70.00	73.00	69.00	72.50	88.25	(66.75)	86.50	64.75	(82.63)	724.65

1941 Jan. & Feb. & Feb. pt. total. fr. nearby stn. or maps.

1947 n.p. too much evaporation

1950 Jan. & April part est.

00364

44004

40004

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

Station No. 4190

RAINFALL at Cray Post Office (Cwmruchaf)

51

County of Brecknockshire

Observer J. A. Jones Esq. for M.O.
H. Glynn Jones, Esq. for M.O.

River Basin T- Usk

Type of Gauge (an. Com.)

Annual Average 69.1 in. based on 19 years obs. weighted. Period of average 1881-1915. Ref PB 5ab

File No. 908732/29
E. 19885/129

Diameter ...	5"		482	109	5"						Means- Total
Height ...	1' 0"				1' 0"						
Altitude ...	930'				51	940'					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
January	10.09	9.00	2.48	5.22	6.93	9.80	11.83	7.86	8.98	9.32	81.42
February	8.50	2.20	3.10	8.10	3.05	7.20	9.00	12.65	.47	10.49	58.28
March	7.00	6.00	6.10	6.82	4.72	6.83	7.85	1.15	7.27	2.76	53.50
April	6.75	5.30	6.42	1.28	4.54	1.55	0.37	1.83	7.05	6.59	41.68
May	2.53	5.00	4.12	4.92	6.45	2.59	3.96	6.85	1.67	2.69	40.68
June	2.15	4.00	2.26	6.29	7.23	4.44	1.32	3.91	4.90	3.11	39.60
July	1.26	1.94	5.97	5.30	1.32	4.67	6.31	3.77	5.44	(5.15)	41.13
August	7.09	7.04	5.04	5.04	1.42	7.04	5.92	3.85	0.96	(6.00)	49.40
September	7.08	4.36	7.15	9.08	3.36	6.78	11.36	10.03	0.49	5.57	65.56
October	2.07	8.59	5.92	14.61	3.82	3.74	6.38	6.40	7.54	8.39	67.46
November	14.36	4.06	7.09	17.35	8.57	2.24	4.43	3.09	11.81	17.82	90.82
December	10.40	6.57	2.93	8.20	10.61	10.04	6.49	7.01	(7.42)	9.66	89.33
TOTALS ...	79.59	64.06	58.88	92.21	620.01	57.44	75.22	67.90	74.00	(87.55)	718.86
	M	M	M	M	M	M	M	M	M	M	

Mr. Jones died in March 1956: New site May 1956: House 30' 100' NW; Trees 35' to 40' 100' W.

1956 Apr 1956.

1957 Apr 1957.

1960. July Aug est M03b

00604

X

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SN (2) 896241

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1956			St. Illtys	1620' N 8° E	Cray	760' N 7° W

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		1910 imp 1911-19 -	1920-30 -	1931-32 M 1933-34 - 1935-40 M	1941-46 M 1947 NP 1948-50 M	