

RAINFALL at Broadmoor InstitutionCounty of BerkshireObserver Medical SuperintendentRiver Basin Thames-Loddon C-3

Type of Gauge

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

File No.

Diameter	....	....	....	....	8"	....	....	....	....	....	....
Height	....	....	....	....	4' 0"	....	....	....	....	....	....
Altitude	....	....	....	approx (400')	29: 6	1: 50"	1: 26"	1: 06"	1: 26"	....	....
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	....	....	....	....	....	4.01	1.85	1.74	1.35	....	....
February	....	....	....	....	....	1.96	1.40	1.23	.38	....	....
March	....	....	....	....	....	1.54	1.13	3.18	4.16	....	....
April	....	....	....	....	....	.59	3.00	3.55	2.16	....	....
May	....	....	....	....	....	1.65	1.82	1.59	1.84	....	....
June	....	....	....	....	....	2.44	2.61	1.07	4.06	....	....
July	....	....	....	....	....	.44	2.13	2.21	2.80	....	....
August	....	....	....	....	....	.82	2.37	2.52	1.98	....	....
September	....	....	....	....	2.13	1.25	.73	2.62	3.63	....	....
October	....	....	....	....	1.42	4.43	4.96	2.69	5.68	....	....
November	....	....	....	....	2.92	3.23	2.41	.93	.89	....	....
December	....	....	....	....	1.24	1.36	3.42	1.96	2.97	....	....
TOTALS	....	....	....	....	....	23.72	27.83	24.69	31.90	....	....

Back years 1905 - 1923 copied from original notebook of monthly totals kept by Supt. 10/57.
 Weakest falls of each year noted. Values reasonable though side unorthodox.
 Gauge near building - slope down to S. possibly on 3rd wall. 4/5.

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.

Station No. 115RAINFALL at Broadmoor InstitutionCounty of BerkshireObserver Medical Superintendent.River Basin Thames-Loddon C-3

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref File No.

Diameter	8"										
Height	4'0"										
Altitude	126"	175"	176"	91"	186"	169"	124"	210"	126"	122"	
	10:6	26:5	30:9	2:9	10:12	1:11	29:2	31:7	17:4	2:12	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.19	1.35	4.09	3.80	.68	3.67	1.48	1.23	3.20	3.12	
February	3.29	1.35	2.06	1.04	3.56	4.38	3.65	1.19	1.10	3.42	
March	1.26	1.95	3.08	2.68	4.64	1.10	5.45	1.66	1.04	4.19	
April	1.94	1.69	.28	3.07	.76	1.04	.64	2.00	3.72	2.32	
May	2.02	3.48	1.84	1.86	1.39	3.22	2.05	1.48	1.98	.48	
June	4.24	1.73	4.21	.49	1.48	1.31	2.21	2.17	.99	.93	
July	2.70	.52	1.34	.81	1.99	6.06	.60	5.61	4.77	2.04	
August	2.63	.89	5.24	.60	1.68	2.86	4.94	5.59	1.04	2.63	
September	.52	1.27	2.02	2.40	.83	2.50	1.84	2.30	5.39	1.82	
October	3.50	2.32	3.89	3.73	1.93	1.60	3.76	3.63	1.66	.82	
November	2.89	3.85	2.04	2.51	2.56	3.54	4.20	.87	2.80	1.44	
December	5.09	6.33	3.92	1.34	9.04	5.88	3.17	1.29	2.38	5.52	
TOTALS	32.27	26.73	34.01	24.33	30.54	36.16	33.99	29.02	30.07	28.73	

Back years 1905-1923 copied from original note book of monthly totals lent by Supt. 10/57.
 Heaviest fall of year also noted. Record looks reasonable, but site was
 unorthodox - near building and slope to S., probably on E. wall.

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

RAINFALL at BROADMOOR ASYLUM, CROWTHORNE, BERKS.

County of BERKSHIRE. Observer Asylum Dispenser.River Basin THAMES.Old pattern Rain Gauge, of "D" type.

Diameter ...				8"	8"	8"	8"	5"			
Height				4ft.	4ft.	4ft.	4ft	1ft.			
Altitude ...			Approx.	400'	400'	400'	400'	400'			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...				1.70	2.85	2.45	3.61				
February ...				3.85	2.78	3.70	2.47				
March				2.96	1.63	1.01	.53				
April				2.72	3.17	1.77	3.00				
May				2.72	3.39	3.24	1.82				
June				2.29	3.41	.01	3.03				
July				1.01	3.44	3.12	2.53				
August				2.66	2.61	2.81	1.47				
September...				1.64	3.16	3.45	1.69				
October				6.11	3.56	2.68	2.65				
November...				1.85	2.70	2.05	5.92				
December...				2.09	4.55	3.53	.83				
TOTALS...				29.60	33.75	29.82	29.55				

See separate return.

H. P. Foulerton

MEDICAL SUPERINTENDENT,
BROADMOOR CRIMINAL LUNATIC ASYLUM,
CROWTHORNE, BERKS.Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map. =

Reference No. =

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
-	51.22 approx.	0.46	Wellington College. (Southern Ry)	2 mls.	W.	Crowthorne	1 ml.	Due W.

RAINFALL at Broadmoor Asylum, Brighthorne,County of Berkshire Observer The Medical Superintendent,River Basin Thames - London & c. 3. H.P. FoulertonSnarden Rain Gauge, by _____

Diameter ...				8				5			
Height				40				10			
Altitude ...				400				400			300
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1931 MEANS.
	82"	1.32"	1.28"	1.28"	1.28"	1.08"	1.06"	1.50"	1.07"	2.03"	
	6:7	12:9	6:7	8:2	26:9	24:8	14:10	15:9	26:10	24:5	
January ...	2.77	2.52	3.06	1.70	2.85	2.45	2.35	1.78	3.14	1.18	3.16
February ...	.54	.31	1.79	3.85	.28	3.70	2.75	3.77	1.68	.53	.61
March	1.80	1.14	2.01	2.96	.63	1.01	.53	2.67	1.49	.09	1.53
April	3.84	.59	1.72	2.62	2.52	1.77	2.34	1.92	1.44	.90	2.02
May .....	.92	1.02	1.35	2.72	3.39	3.24	1.82	1.08	2.14	3.73	1.96
June	1.46	.29	1.14	.29	2.41	.01	3.03	2.48	2.04	1.15	.31
July	5.64	.26	3.87	1.01	3.44	3.12	2.55	4.18	1.32	1.80	2.53
August	1.63	1.86	2.65	2.66	2.61	2.81	0.49	3.47	2.23	1.30	3.55
September...	1.63	1.68	2.22	1.64	2.74	3.45	1.78	5.37	1.12	.15	3.35
October	1.72	1.56	1.05	6.11	3.56	2.68	2.65	1.23	3.81	2.81	1.31
November...	1.64	1.42	1.56	1.85	2.68	2.05	5.64	5.98	1.86	6.20	4.90
December...	2.51	1.61	2.99	1.07	4.55	3.53	.83	3.32	2.24	5.74	2.11
TOTALS...	26.10	14.26	25.41	29.44	33.75	29.82	27.58	35.36	25.08	25.49	27.34

*Back year 1923-1926 received 11/28 File 810546/27

Asylum Buildings 40' High 50' N.E.

Inspected 23/1/30 Gauge too near building and slope to P.

New site selected by Inspector. See Green File

1930. May 1 G. moved to site selected by Inspector. Altitude = 300 ft.

Jan. to April are old site values.

*Further record copied from notebook lent by Supt. 10/57. Figures in red during 1923-27 shown above were taken from this notebook. Subsequent data are identical. No apparent reason for discrepancy. H.S.

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

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
-	51° 22'	0° 46'	Wellington (Leage) (A.R.)	2 m.	W	Brighthorne	1 m.	Due W.

RAINFALL at Broom's Barn AsylumCounty of BerkshireObserver The Medical SuperintendentRiver Basin Thames, London 3Type of Gauge StandardAnnual Average 27.6 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. S

510546/27

Diameter	5											
Height	1	0										
Altitude	300											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.31	2.56	1.96	1.43	0.60	3.93	4.54	2.39	5.12	2.33	2617	
February	1.61	1.10	3.83	1.11	2.90	2.08	3.94	0.68	0.88	2.91	1904	
March	0.21	2.01	3.24	2.17	0.34	2.25	3.84	0.27	1.24	2.73	1830	
April	3.65	4.27	1.25	1.57	3.01	1.80	2.13	0.13	2.63	1.55	2199	
May	3.98	5.89	3.40	0.53	1.32	1.57	3.23	1.89	1.40	1.36	2457	
June	1.34	0.97	2.48	1.26	3.29	3.39	2.19	0.56	1.22	0.83	1753	
July	4.88	2.41	1.22	1.81	0.62	4.11	1.19	1.14	2.98	2.68	2304	
August	3.74	2.23	0.45	3.41	2.72	1.52	1.95	2.89	2.15	0.08	2114	
September	2.30	3.35	2.52	1.16	3.57	2.50	2.57	0.96	0.80	1.17	2090	
October	0.68	3.66	1.92	2.11	3.07	2.02	2.54	2.41	5.16	3.21	2878	
November	2.94	1.75	0.90	2.05	4.44	3.14	1.60	2.97	4.97	6.98	3174	
December	0.71	0.48	0.48	5.62	2.51	2.48	3.70	3.25	1.15	1.41	2179	
TOTALS	27.35	31.68	23.65	23.23	28.39	30.79	33.42	19.54	29.70	27.24	27499	km
	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.		

1931. Boundary walling 14' high 310' N.

1932. Appears too high by about 5" but obs. confirms the accuracy of the readings.

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.			Broom's Barn	2m	W.	Broom's Barn	1m.	W.

RAINFALL at BroadmoorInstitution
AsylumStation No. 775

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County of BerkshireObserver The Medical SuperintendentRiver Basin Thames London &c. 3Type of Gauge SnowdonAnnual Average 27.1 in. based on 10 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. SFile No. 810546/27

Diameter	5"			271	567						
Height	1' 0"				1						
Altitude	300'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.41	2.68	5.00	1.69	1.67	1.68	1.63	4.42	1.33	1.61	2315
February	2.03	.66	1.13	.98	1.83	2.57	1.22	1.01	1.19	3.88	1650
March	3.47	1.90	.39	.08	.56	1.12	4.64	.75	1.35	.69	1495
April	1.29	1.46	1.09	1.10	1.09	1.75	1.76	1.56	1.68	2.94	1572
May	1.57	2.82	2.20	.21	1.49	3.19	1.88	2.77	2.18	1.61	1992
June	1.95	.42	1.58	1.56	2.18	3.57	1.35	1.85	.45	1.39	1630
July	3.10	1.26	1.80	1.77	3.67	2.09	1.45	1.36	2.40	4.18	2308
August	4.57	2.01	1.50	1.10	1.16	4.29	.43	3.87	1.99	4.03	2495
September	.37	1.04	1.23	2.69	2.19	3.69	1.14	1.56	1.06	3.01	1798
October	1.26	3.19	3.14	3.47	3.01	.94	.42	2.23	6.86	.29	2481
November	2.87	2.48	1.56	4.34	.30	4.49	1.11	1.93	2.38	4.76	2622
December	1.10	2.72	1.44	1.75	2.82	2.64	2.40	2.90	1.65	1.56	2098
TOTALS	25.99 D	22.64 d	22.06 d	20.74 d	21.97 D	32.02 D	19.43 d	26.21 d	24.52 d	28.98 d	2445.6

1941. Wall 14' high 310' N.

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			Crowthorne	2 m	W	Crowthorne	1 m.	W.

BRITISH RAINFALL ORGANIZATION

Station No. 775

RAINFALL at Broadmoor Institution

51

County of Berkshire

Observer The Medical Superintendent

River Basin Thames-Loddon &c 3

Type of Gauge Snowden

Annual Average 27.6 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. S p

27.25 " " " 35 " " 1916-1950

File No. 1810546/27

Diameter ...	5"	5"	5"	5"	271	567					
Height ...	1' 0"	1' 0"	1' 0"	1' 0"		1					
Altitude ...	300'	300'	300'	300'		51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.09	1.66	.80	1.06	2.72	3.53	1.35	3.64	1.97	2.09	21.90
February ...	5.56	.80	1.10	2.44	1.45	.16	2.55	2.47	.09	2.14	18.76
March ...	3.86	2.36	.30	2.01	.93	.56	1.02	1.69	2.52	1.59	16.84
April ...	2.68	1.32	2.42	.82	.17	1.32	.31	1.27	2.10	.81	12.72
May ...	2.52	2.18	1.71	2.62	3.82	.33	1.22	1.95	.61	1.94	18.90
June ...	.97	1.14	1.38	5.10	2.21	2.17	.79	2.97	.77	1.61	19.11
July ...	1.54	.48	3.41	2.52	.26	4.44	3.95	1.09	3.33	3.71	24.73
August ...	4.16	2.85	1.85	3.66	.95	4.08	2.62	3.36	1.61	2.45	26.99
September ...	2.96	3.24	1.61	2.24	1.67	3.75	3.01	3.09	.16	2.94	24.67
October ...	.66	3.25	2.85	2.14	3.73	2.27	1.79	2.79	2.36	9.41	31.25
November ...	6.13	2.90	1.01	3.52	2.44	.69	2.44	2.59	2.91	3.13	27.76
December ...	1.84	2.25	.60	2.39	2.60	3.06	2.54	2.70	3.76	2.88	24.68
TOTALS ...	35.97	24.42	19.04	30.02	22.95	26.36	22.99	24.67	22.19	34.70	26831

1951 Boundary walling 14' 310' N.

1952 2nd. 1st. 2nd. 3rd. 4th. 5th.

1957 Imp. Kim Russell 1110. Gormann road. Like excellent in your plot in kitchen garden at foot of slope. Large bottles to be used. Stopped before they carried up to the dispiratory where measured in rows.

1960 Del. probably 1.67 in too big due to wind and decays. 1/6 11/50 3/63

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference

5041852638

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Crowthorne	2nd W	Crowthorne	1nd W.

Summary of Earlier Records from 10-year Sheets:

1916-1950, P. accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		c 1923	✓	✓	
		✓ but d 27	✓ but d 31-35	✓ but d 41, 45, 46	