

RAINFALL AT Oakamoor, Woodbank

Lat.

Lon.

County of GaffordWilson, self registering
Rain Gauge, byObserver M. A. Bolton, Esq.

Stone - 5.

Diameter ...											5'
Height											14' 10"
Altitude ...											500'
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...											1.60 1.84
February ...											2.56 .64
March											2.63 2.68
April											2.44 1.92
May											2.66 1.57
June											2.94 2.81
July											3.31 3.81
August											3.59 2.29
September ..											2.91 2.50
October99 5.50
November ..											2.06 .89
December ...											1.90 5.00
TOTALS ...											29.59 31.45

1908-9 recd. 9. I. II. entd. 23.V.12

Oakamoor Ch. 150 yds N. E.

" Str. 400 yds. S. E.

RAINFALL at Bakemoor Woodbank

County of Staffordshire

Observer M. A. Bolton Esq.

River Basin Trent Dore S

Self Registering Rain Gauge, by N.Y.

Diameter ...									[8]	
Height									4.9	
Altitude ...									600	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919 MEANS.
January ...										4.14
February ...										1.78
March									1.65	4.04
April									1.08	1.91
May									3.63	1.34
June.....									1.70	1.74
July									4.20	2.96
August.....									2.36	2.65
September...									7.27	2.90
October ...									1.89	2.83
November..									2.54	2.53
December...									5.30	3.31
TOTALS ...										34.13

Gauge moved April 18 1/4 8m 5 cd
 1919 Tree 40ft high 80ft N.W.
 20 " 60 " S.E.

See previous sheet

N.B. Annual values quoted in Survey, 1928.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	53	2	Bakemoor	500yds	E	Bakemoor	600yds	N.E.

RAINFALL at Oakamoor Woodbank

County of Staffordshire

Observer M. A. Bolton Esq

River Basin Trent-Dove 5

Qdsmn Recording Rain Gauge, by
 (4) Smndm Recdg N43
 1915

Diameter ...	8	□	5					5		
Height	4.10		1.6					1.6		
Altitude ...	500		550					700		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...	2.45	1.38	3.71	3.80	2.35	4.59	2.07	2.72	1.98	460 1137
February ...	3.34	2.63	1.35	1.09	2.32	3.66	4.18	1.35	2.28	210 1001
March61	1.67	4.45	5.18	4.75	1.36	3.19	1.69	1.77	560 1225
April	2.51	1.74	.36	4.18	1.33	1.13	3.07	1.94	1.13	190 804
May	2.22	.83	1.83	2.72	2.85	1.42	1.85	3.00	4.17	140 1042
June.....	1.58	3.58	4.68	1.92	1.51	1.81	2.11	3.00	1.62	130 803
July	4.07	.37	3.03	.58	6.51	5.62	2.89	1.95	4.11	220 1115
August.....	4.69	1.73	7.02	2.06	3.12	3.31	2.73	6.28	2.37	290 1423
September ..	.45	1.97	1.61	1.33	2.02	.57	1.73	1.62	7.10	250 1295
October ...	1.72	2.21	3.71	3.36	2.76	2.38	4.22	5.83	1.85	300 1490
November ..	6.76	2.27	3.10	2.55	4.25	2.48	3.16	3.28	2.38	290 1172
December ...	5.45	5.38	2.92	1.42	6.63	6.04	3.12	.86	5.36	610 1544
TOTALS ...	35.85	25.76	38.07	30.14	40.40	34.37	34.32	33.52	36.22	3650 NR 14056

1914 Dec 20 9 ft high 55 ft SE
 1917 Dec 16 8 miles 1/2 mile SW
 1918 Apr 18 8 miles 1/4 mile SW

end of Mayfield

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1914	53	2	Oakamoor	200 yds	SE	Oakamoor	100 yds	NE
			"	1/4 mi	SE?	"	200 yds	E?
1917			"	500 yds	SE	P.C	300 yds	NE

RAINFALL at Oakamoor (Lightholes).County of Staffs. Observer W. of Bolton, Eng.

River Basin 5' - above.

Snowdon (part) Rain Gauge, by N + Z.

Diameter ...	5'									5'		
Height	1.6								1.9"	1.6		
Altitude ...	650								650			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January	2.46	4.02	3.91	2.96	2.83	2.65	3.79	3.37	7.24	2.13	4.43	4079
February	2.10	1.18	3.44	5.37	.98	4.85	3.45	2.25	3.59	.68	.66	2855
March	2.28	1.87	2.64	2.17	1.65	1.11	1.40	3.71	2.41	.44	2.98	2261
April	5.59	1.24	1.99	2.83	3.05	1.56	1.28	2.95	1.54	.91	3.13	2707
May	3.91	1.84	.84	3.33	4.44	5.81	3.90	1.88	.62	1.91	2.41	30.91
June	2.46	.43	1.10	.89	2.87	.06	2.50	6.00	4.56	1.84	2.50	2621
July	5.57	1.06	4.83	6.54	5.04	2.31	2.41	3.91	1.79	3.14	6.52	4312
August	1.80	4.65	4.49	4.46	5.66	4.66	3.03	5.19	4.61	3.95	4.35	4685
September	2.50	1.33	3.67	3.96	3.88	4.26	1.63	4.35	.91	1.18	4.02	3169
October	2.05	2.75	.54	3.19	4.96	5.17	2.71	3.02	4.86	4.66	5.01	3892
November	.94	2.10	1.59	2.60	1.98	2.08	5.32	3.60	5.38	8.45	3.72	3776
December	2.10	2.82	4.59	4.76	3.31	2.47	1.13	1.87	3.03	5.94	3.68	3670
TOTALS...	37.76	24.29	33.63	43.03	40.65	37.99	32.55	42.10	40.54	35.23	43.41	41118

1920: nothing near - on side of hill NW. top
 1925: trees fairly high 50ft to top of hill NW up to SW

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
1920	53° 2'		Oakamoor	1 mile	E.	Oakamoor	1 mile	N.E.

RAINFALL at Oakamoor (Woolbank). Lightoake 1921.

County of Knapp. Observer H. E. Bolton, Esq.River Basin T - Dove.Self recording Rain Gauge, by N. 2.3.

Diameter ...	<u>8</u>										
Height	<u>149</u>										
Altitude ...	<u>600</u>										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January	<u>2.61</u>	<u>3.85</u>									
February	<u>3.15</u>	<u>2.4</u>									
March	<u>2.47</u>	<u>1.79</u>									
April.....	<u>5.33</u>	<u>1.33</u>									
May	<u>3.53</u>	<u>1.72</u>									
June	<u>2.42</u>	<u>.47</u>									
July	<u>4.92</u>	<u>1.10</u>									
August	<u>1.78</u>	<u>4.42</u>									
September...	<u>2.44</u>	<u>1.31</u>									
October.....	<u>2.03</u>	<u>2.58</u>									
November...	<u>.92</u>	<u>2.07</u>									
December...	<u>2.88</u>	<u>2.62</u>									
TOTALS...	<u>36.48</u>	<u>23.50</u>									

1920. Dec 40 80 N.W.
 " 20 60 S.E.

N.B. All values quoted in Survey, 1928.

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
1920	<u>53° 2'</u>		<u>Oakamoor</u>	<u>1 mile</u>	<u>E.</u>	<u>Oakamoor</u>	<u>1/2 mile</u>	<u>N.E.</u>

RAINFALL at Oakamoor (Lighthouses)

County of Staffordshire

Observer H.A. Bolton, Esq.

River Basin Trent - Dove 5

Type of Gauge

Annual Average 34.9 in. based on 15 years obs. un-weighted. Period of average 1881 - 1915 Ref Prof. Boulle No. 423

924220139

Diameter	5	Height	16	Altitude	650	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.48	3.49	2.30	2.90	1.37	3.92	4.13	4.49	6.01	2.10	3.419						
February	3.66	1.12	3.94	3.2	3.70	2.04	5.92	1.39	1.88	2.55	2.552						
March	1.12	2.16	2.71	2.40	1.99	1.98	2.36	1.67	2.19	2.33	1.791						
April	4.18	3.40	1.26	1.89	3.48	1.70	2.77	1.17	2.21	2.62	2.358						
May	3.07	4.97	1.64	1.20	1.60	1.20	2.65	2.02	1.97	1.30	1.962						
June	5.17	8.85	2.23	1.01	4.39	3.36	1.30	2.31	2.26	1.05	2.393						
July	4.65	3.34	4.32	1.40	1.95	7.65	2.57	3.68	5.76	3.45	3.777						
August	5.92	1.52	0.70	3.20	1.99	2.22	1.11	2.69	1.65	.86	2.146						
September	3.32	3.09	1.44	2.42	5.05	4.88	1.70	2.39	1.19	2.51	2.799						
October	1.09	5.66	6.83	2.97	5.74	3.22	2.08	3.59	3.76	4.39	3.833						
November	5.61	2.85	1.77	1.99	5.37	4.02	1.60	4.20	5.38	7.84	4.023						
December	1.74	1.40	0.29	6.46	4.47	2.68	3.89	4.22	2.02	3.72	3.089						
TOTALS	42.01	32.55	28.43	28.16	38.10	37.87	31.98	31.82	36.21	34.62	34.182						
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.							

Tree N.N.W.

1927 Tree 80 yds N.N.W. and house 60 yds N.E. (both on lower level 600')

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.			Oakamoor	2m	E.	Oakamoor	2m	N.E.

Station No. 2366

RAINFALL at Oakmoor (Lighthouses)

41

County of Staffordshire

Observer M.A. Bolton Esq.

River Basin Trent - Dove - 5

Type of Gauge

Annual Average 34.9 in. based on 15 years obs. un-weighted. Period of average 1881 - 1916. Ref Prof Brundell No 423
 35.13 (1916-50) - 32 yrs within 1916-47 PB 782 File No. 924220/39

Diameter	5"	103	520								
Height	1' 6"		1								
Altitude	650'		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.35	3.36	5.35	4.02	2.39	3.07	2.07	10.40			33.01
February	3.00	1.67	1.48	1.59	3.22	5.91	.61	8.00			25.48
March	3.49	1.90	.97	.38	1.36	.92	5.47	4.90			19.39
April	1.62	1.72	1.28	2.84	2.25	1.14	2.51	9.20			22.56
May	2.63	4.05	3.32	1.24	3.61	1.68	2.27	4.90			23.70
June	.85	1.15	3.09	2.68	4.05	2.97	1.41	7.00			22.20
July	4.37	3.13	1.79	4.03	1.77	3.09	4.34	7.20			29.72
August	3.24	2.82	3.42	2.22	3.09	6.39	1.09	13.80			38.07
September	.52	1.74	3.94	3.81	1.63	5.80	1.68	8.60			27.72
October	3.76	3.46	2.45	4.68	5.25	.93	.49	8.40			29.42
November	3.26	.92	2.92	5.71	.24	6.24	3.26	11.00			33.54
December	1.67	3.40	1.70	2.48	3.13	4.28	3.15	9.70			29.51
TOTALS	32.76	28.32	31.71	35.68	31.99	42.42	28.35	103.10			33.432

1941 Trees 50' high Sods N.N.W. approx. House 40' high bonyds N.N.E approx
 1941 Tornanted, after rain during March 1943 see one 10.9, 924220/39

and 1881-1916
 964 & Octave 2366 epk

1910-19 1920-30 1931-40 1941-50

✓	✓	✓	41.47747
✓ but -16.9	✓	✓	✓

Position of Station on reduced Ordnance Survey Map, } No. of Map.....
 1 mile to 1 inch Series

N.G.R. Reference No 5K (43) 045443

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1941			Oakmoor	1/2 m.	E	Oakmoor	1/2 m.	N.E