Rainfall as Montrose (Royal Asylum) 2½ m. po Sea.

60 Josfan

Ja! Howden M.D.

N. 64-4.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS
January								1.50			
February								1.66			
March											
April								2 -33			
May								2.69			
June										1.67	
July					-					2.28	
August								4.69			
September -					.84	3.96	2.05	2.89	5.89	2.58	
					3.89	.42	3.01	2.17	6.50	5.52	
October					5.50	3.50	2.91	2.80	3.35	5.07	
November -							The second	.38			
December -					2.95	1.46	2.41	1.41	7.83	2.49	
TOTALS -					29.94	34.26	24.79	27.65	37.79	34.87	

Subsoil Boulder Clay.

70

Lat						County					
N. Ek-		Rain Go	uge, by			Observes	·a	Buer	har.	Englis	
Diameter			5				5				
Height	-		10				5				
Altitude	200.		200								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEAN
January	1.50	1.00	3.45	2.44	2.34	4.10	.53	3.89	1.38	1.47	
February	2.40	4.35	5-76	1.34	1.01	1.42	416	4.16	1.74	2.52	
March	47	56	278	2.34	1:17	2.39	1.87	1.80	.18	1.55	
April	.65	5.11	2.33	.84	95	1.30	3.96	2.72	1.09	2.97	
Мау											
June	2. 98	1.62	5.78	1.19	3 10	2.50	1.30	3.13	4.83	3.65	
July											
August											
September											
October	4.92	3.52	3.78	3.19	2.78	(5.07)	3.54	3.18	237	.70	
November	3.28	4.17	5.53	3.21	3.55	(5.15)	288	3.75	2-47	2.04	
December	5.74	1.49	4.04	2.02	1.38	(2.64)	8.60	3.03	2.55	1.48	
			7.0. 11.00					44:00		100000	A

11

cce

1875 July - Dec estimated from Bridge St

	RA	INF	ALL	AT	Worl	rose	Sun	mys	ide	asy	lum
Lat				Lon.		Co	unty of_	17	rfa	z ·	
		Rain Ge	zuge, by			Obse	rver a	Bu	cha	n Es	10.
N. &k- 4										1	
Diameter	5										
Height	0.5								10		
Altitude	200										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	.86	.2/	24	3.66	2.95	1:41	2:50	1.89	2.07	1.10	1.689
February	2.91	144	1.42	5.45	1.38	1.83	1.26	1.07	1.02	1.50	1.828
March	2.90	2 15	1.74	1.80	2.74	1:45	3:47	.96	3.36	1.88	2.245
April											2.134
May											1.537
June											1.496
July	5.06	3.07	3.30	5.11	5.75	.43	4:40	1.15	4.96	1.83	3.506
August										3.34	2.193
September	2.91	2.34	292	3.15	1.23	2.44	1.65	2.39	1.00	.49	2.052
October	/									3.08	2.407
November										.58	2.614
December										1.27	2.040
Totals	25 25	24.46	35 68	3/-82	24:29	20:45	2851	19.07	27:77	20.11	25.741

1858 Stillside Church 1/4 Mile = Hadge 5 feet byth 24 feet 5

Lat.				Lon.		Co	enty of	nysi Fo	rfan		
N. bk-4.		Rain (lauge, by			Obser	ver D	J.C.	How	den	
Diameter	5										
Height	0 10										
Altitude	200										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS
January	2.75	.76	2.72	1.70	2-82	2.99	. 47	-99	.78	3.54	1. 95
February	1.01	.12	2.74	1	4 55		.58			2.57	
March	z.27	1.64						3.32		1.59	
April	-72	.69		1.11		.80	-84		6.99		
May	2.84	- 83	2.20		4.12			1.54	11		
June	2.29		2.26					3.65		1.69	
July	3.10		2-00				1 1				
August	2.86	4.53		,	4.52			2.92	6.1		
September	2.01	7.62		231		1.01		1-48		3.00	
October	2.19	2.81	5.20	202	,	1.78			3.77		2.82
November	4-15		2.53		Par I			1	1		
December	1.72	2.38		1.89		2.98			1		2.81

1880-

La	·			Lon		c	ounty of	For	for		
N. Ek.	-L+.	Rais	ı Gauge, i	by		Obs	erver	rma.	p John	18.40	avele
Diameter	5										
Height	0 10										
Altitude	200										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS
January	4.16	1.62	.85	4.40	2.19	-72	2.02	1-09	1.81	1:22	2:008
February						.99		1		.78	
March						3-64				4.67	2:26
April	1.64	3.07	2.38	1.38	1.32	3.09	1.14	1.57	1.23	3.43	202
May	1.75	1.75	2.20	1.61	2.58	1.37	5-17	5-73	1.54	2:47	261-
June	1.82	1.57	2.25	2.14	.53	.56	-77	4.56	1.04	1.13	1.63
July	3.49	.72	2.79	5.46	1.09	1.30	1.76	2.02	1.65	4.25	21453
August	3.13	2.53	3.01	4.46	4.19	3.32	3.91	2:41	3.33	2:24	3:253
September	1.94	1.20	1.83	2.89	1.79	1.51	1.12	1.05	3.84	1.08	1.825
October	3.24	2.24	1.61	4.79	.78	1.77	4.03	4.99	4.04	2.88	3.03
November						7.61	D.S. Carlotte		1.66		2798
December				3.20		100000	2.04		2.58		2:72

1903 stillside Church /2 mile \$ Station /2 . SE

RAINFALL at_	Montrose, Sunnyside Auglum 560
County of Forfar	Observer Dr. J. G. Havelock per John masson
River Basin North Esk &.	4 per John masson

Rain Gauge, by

Diameter	5				na					5	
Height	0 10			4.6		10				1 0	
Altitude	200										
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January	1.54	1.31	2.96	4.20	1.47	2.63	9-20	1.82	2.02	3_23	8.27
February	2.62	.79	2.95	. 84	2.48	4.52	2.21	1.02	1.75	2.15	7.13
March	135	1-22	2:16	3.31	3.65	1.22	2.82	1.52	1.15	1.54	7.03
April	2:22	1.50	.00	2.88	.50	.62	1.67	.97	.40	3.15	619
May	2:37	.64	.64	3.52	1.98	.89	2.83	1.72	3.73	.70	8.98
June	1.07	1.25	1.31	2.07	.95	.69	3.66	.99	1.51	91	7.07
July	223	1.11	1.82	1-27	2.50	4.81	6.73	1.37	432	. 58	13.00
August	4.56	.91	3.70	1.40	1.51	2.44	3.64	3.96	2.32	2.59	12.51
September	1.15	1.00	240	3.18	-81	1.36	1.08	1.43	2.72	1.29	6.50
October	1.45	2:26	4:32	1.61	2.78	3-13	4.08	2.83	2.20	2 18	11-29
November	3.04	3.66	2.37	1.37	3.28	1.85	3.39	2.65	1.85	4.08	11-97
December	299	5.19	1.65	1.41	5.26	672	3.27	.76	1.70	4.75	10 48
Totals	26.59	20.87	26.28	27.06	27.17	30.88	36:30 (36:58)	21.04	25.67	27.13	110 42

Hered with ref. rearby this. 1919. Then Stand of high of N. Caldina 15" high . Sind with my 10". " author 15" high . Sind with

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction
1912	56.44	230	Hillside	/2 m	3. E	Hellards	1/2 94	SE

RAINFALL at montrose Summeride Outline

MAINTAIL at 77250	soot, Dunnyalde asylum
County of Forgar	Observer Dr. G. g. Shaw C. N. Alexander 1922] 300 you
River Basin North . Esh & 6 4	

Diameter	5-			5								
Height	10	. 10		10								
Altitude	200			200								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MBANS.	Sv
January	1.79	1.70	3.94	1.65	2.49	1.45	3.91	1.81	4.32	1.26	1.74	20
February					1:08			1.56	1.24	2.05	1.02	23
March	-				.63			2.03	3.99	.17	1.32	17
April	2.22	1.31	2.37	2.31	1.56	2.85	1.73	1-47	1.26	1. 33	2.49	20
May	2.86	1.66	. 56	2.20	3.77	2.94	1.92	2.56	1-29	1.95	1.66	23
June	.70	1.00	1.21	-74	1.40	.74	2.34	100		1.73	1.60	14
July	2.86	1.83	2.80	2-11	4.53	2.05	2.43	1.75	2.16	3.17	1.89	27
August	2.96	1.85	1.85	5.24	3.76	2.18	2.37	3.19		4.66	5.81	37
September	1.25	1.24			4.48			5.87		.57	476	33
October					4.52	The same	1	5.10	3.48	2.73	269	34
November					1.95	-		2.14	2.69	3.79	3.57	29
December				100	THE RESERVE	1.60				1.1	3.65	2

1920. There Stand 5- H high sigh sigh N.

1921. stedge 8ft high browl 50. Suchine 8. Hage 7. Stage month 40ft. 10 yd. N.E. 15 + NW 16 , 5.

40 , Sw.

Date.	Lat. N.	Long.	Railway Station.	Distance Direct from gauge	Parish Church.	Distance Direction from gauge
1920	56° 45	2°30	Hillside	1/2 mi S. 13	. Hillside	1/2 mi 8.1=

A.M. Form 1356.

Ann

April

May

June

TOTALS

lir	Ministry,	Meteorolog	ical	Office.8	56	9	75	560
	-11111							01

-61 1.21

1-24 1.32

1.33

18 43

.23 18.90

.34

2.79

KA	IN	D.	ALL	at				- yaa	-			Z.J.YY.O	
			ange 4- N				Obser	ver C			Superin		
			ge Q.in. based				hted. Pe				&I-19IS		
Diameter			5										
Height			1. 0			10"							
Altitude	****		200'										
Year			1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January			3.36	1.32	2.01	1.33	1.17	4.30	4.15	2.88	2.94	1.49	24.95
February			1.86	.16	2.06	.16	1.98	2.72	2.57	.84	1.29	1.49	16.13
March			1.21	2.78	1.59	2.03	1.94.	1.89	2.58	.33	2.42	2.70	1947

2.43 1.65 3.54 4.66 5.53 4.444 3-16 4.12 3.00 July .73 93 3.02 1.82 .89 5.44 2.04 .69 .65 August 1.97 3.03 4.12 2-22 1.44 2.28 1.13 3.12 1.31 3.51 September83 6.83 3.52 3.16 3.83 .88 3.10 3.02 4.65 3.54 October 3.80 5-91 5.98 1.33 2.82 1.23 4.53 November ... 1.19 .67 3.68 1.54 427 241 1.75 1.03 2.09 1.97 4.12 December 3.25

6.32 3.94

1.88 112

.71 4.05

.34 1.93

1.04

1.31 1.95

31.44 27.67 22.36 29.57 32.56 23.77 33.92 28.50 27.55 28.98 26662

1.37

2.78

2.85 1.22

.99 1.01

2.86

4.17

1931. Guenhouse & high 14 yds. N.W. Wood , hedge 50' , Y' high 20 yds , 14 yds. N.E. 1940. Jan park estd.

Position of Station on reduced Ordnance Survey Map, No. of Map. Reference No. 1 mile to 1 inch Series Distance Direction Distance Direction Railway Station. Parish Church Date. Lat. N. Long. from gauge from gauge Jublon L.M.S. Hillside Im S. W. 1931.

RAINFALL at Montrose (Surveide Asylum) MWR 41

County of angus (Forfax) Observer The Medical Superintendent. Biver Basin 4 - North Est . C.

Type of Gauge.....

Annual Average 27.2 in based on 35 years obs. un-weighted. Period of average 1881 - 1915 Ref. B. N.

					-worgmen.		oj accre	File N	0		· · · · · · · · · · · · · · · · · · ·
Diameter	5"				856	975					
Height	10"					1					
Altitude	200'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.65	4.07	3.35	1-14	4.07	1.33	3.83	3.85	1.28	1.54	27.11
February	4.03		1.16		2.02	0.96	2.40	a.16	1.21	2.21	19.09
March	1-49	1.63	0.47	0.75	.84	1.65	5.07	0.59	1.25	2.09	1373
April	2.59	146	1.45	2.62	1.09	0.24	294	1.00	1.95	1.27	16.61
May	1.59	3.00	4.88	2.75	4.26	1.33	4.60	3.21	1.51	1.31	28.44
June	1-35	0.88	1.10	2.41	2.14	3.34	2.67	3.19	1.35	1.21	20.24
July	2.56	2.17	1-61	1.99	2.76	4.05	1.51	2.50	1.96	3.83	2494
August	328	3.02	3.94	1.33	4.03	2.67	.07	5.50	3.08	3.13	30.05
September	0.44	3.21	2.25	2.03	3.81	3.25	1-77	1.93	1.87	5.96	2652
October	平83	2.90	2.67	4.57	4.71	0.49	1.55	2.83	3.67	1.34	29.56
November	4.17	0.38	1.21	2.95	1.36	6.46	1.98	1.03	3.57	3.15	26.26
December	0.40	2.31	0.97	2.97	442	3-63	1.90	3.89	1.84	1.42	23.75
		700	25								
TOTALS	29.38	26.97	25:06	26:41	35 51	29.40	28.29	32.28 D	24.54	28.46	286-30

257.84

Position of i	Station on rea 1 mile to	tion on reduced Ordnance Survey Map, 1 mile to 1 inch Series Reference No								
Date.	Lat. N.	Long.	Raliway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.				
		120								
		3								

856975 A.M. Form 1908. Air Ministry, Meteorological Office. 5609 Royal Mental History 100 51 RAINFALL at Montrose, Changyselle Observer The Medical Superintendent, County of Angus (Forfar) River Basin North Cesh +le . 4 Type of Gauge 1. O. riki (showless) 1881-1915 Res Bof N File No. - 1950 Annual Average 27. . in. based on 35 years obs. un-weighted. Period of average..... 28.65 1916-1950 Diameter 5 Height ··· 0 10 ... 200 Altitude 1954 1955 1956 1957 1958 1959 1960 Means Year 1951 1952 1953 January 3.40 2.40 3.46 1.14 ... 3.76 1.34 0.81 1.10 1.03 February 1.642.57 2.34 0.79 .21 2.78 ... 2.52 2.51 2.03 1.17 2.18 March ... 5.06 1.77 1-25 ... 2.54 3.33 039 2.42 1.56

1.24 .80

.44 1.60

2-52 1.20 1.57

3.644.37 5.61

1.70 1.93 2.25

2.83 1.61

.78

3.53 1.75

2.69 2.94

4.804.00 4.76 4.90 August 2.66 .53 .44 ... 3.81 2.25 2.32 September ... 1.46 4.35 1.50 1.97 .68 3.01 0.89 2.35 2.64 2.06 October ... 173 1.87 1.27 1.52 8.75 2.09 3-08 5-14 2:33 1.26 4.56 November ... 7-15 2-04 2.51 .40 1.37 .70 4.79 5-31 2-20 December ... 1.77 2.09 3.35 2.58 6.01 3.37 3.11 4.12 5.07 2.49 32.51 22.91 24.58 31.55 20.94 29.34 26.37 35.64 26.94 40.43 TOTALS ..

Perp 17 Thomas 175.54. Site recommended in 1950 adapted + www NITE 100-9, mobiled

.94 .64

3.32 1.58

2-03 .77

2-19 -66

mp (1967). Id 9/57. Silk good, groups as seemed.

Inog. whiled

fort all road thelker of the last not occalenter. S' for walker book hadre found spray

hops 1957. Id 9/57. Silk good, groups second.

Summary of Earlier Records from 10-year Sheets : 1916-1950 P. accepted	Date.	Lat. N.	Long.	Railway Station.	Direction gauge	Parish Church.	Distance Directi from gauge.
Summary of Earlier Records from 10-year Sheets: 1916-1950 P. accepted							
		lier Records j	from 10-yea	r Sheets :		1916-1950, 7	P- accepted

April ...

... 2-15

May ... 1-42

June ... 1.88

July ... 3-32

0-89 3.56

2.90 1.94

2.08 1.66

2.22 3.25