

Rainfall at Back Thornby Mill

Renfrew.

Y524

+ Seal Level 693 ft.

Clyde, L. bank - 2.

YEAR - -						1836	1837	1838	1839	MEANS.
January - -							3.75		4.60	
February - -							7.00			
March - - -							1.40	8.20		
April - - -							2.40	3.10	1.90	
May - - -							2.60	2.50	3.70	
June - - -							3.00	6.00	2.90	
July - - -							4.00	6.20		
August - - -							5.60	5.10		
September -							8.80	3.90	4.60	
October - -							3.60	9.30	6.90	
November -							7.40	7.20	3.60	
December -							10.20	6.50	5.05	
TOTALS -							56.65			

C C C C

40

Renss.

Rainfall at Back Thornley Mill

Long: 4° 27' 16"

Lat: 55° 48' 26"

Diurnal of 9 11.28 in + ground 3 in. T Sea Level 646 ft.
 Clyde, L. bank - 2.

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -		3.50	3.00	8.00		6.35	9.80	1.60			
February - -		4.90	5.10	1.20		2.90	3.60	2.90			
March - - -		4.90	8.25	2.00		4.00	6.70	2.70			
April - - -		3.80		3.00		2.10	1.70	1.30			
May - - - -		4.20	3.70	4.20		1.50	2.50	4.60			
June - - - -		2.90	3.55	2.80		5.00	4.40				
July - - - -		3.75	3.45	3.40		3.40	6.00				
August - - -		4.65	2.60	4.60		3.40	7.50				
September -	7.00	5.35	3.00	1.75	3.00	5.85	5.40				
October - -	1.90	6.80	1.55	6.60	3.00	8.30	6.70				
November -	3.90	4.20	3.95	7.55	4.30	10.70	5.00				
December -	2.70	7.70	14.60	3.35	.80	8.70	3.58				
TOTALS -		56.65		48.45		62.20	60.80				

The gauge situated in
 an open place

Rainfall at Buck Thornly Mill

Long: $4^{\circ}27'16''$ Lat $55^{\circ}48'26''$

Rearfms.

Diameter of G. 11-28

Clyde, L. truck - 2

+ ground 3 in. + sealed 646 ft.

YEAR - -	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -		6.70	1.70	3.30	5.10	6.00	8.00	
February - -		5.00	1.50	5.80	3.00	1.70	8.20	
March - - -		5.00	3.00	2.0	3.50	2.80	7.80	
April - - -		1.20	2.60	2.30	2.50	3.50	4.40	
May - - -		5.80	2.70	4.20	2.60	5.90	5.00	
June - - -		4.80	3.10	6.20	2.60	3.60	2.00	
July - - -		2.80	2.50	2.50	.80	4.20	3.90	
August - - -		3.00	5.60	4.50	.90	3.80	4.60	
September -		3.60	1.80	3.00	2.70	4.80	5.80	
October - -		6.80	7.10	2.70	5.40	6.80	4.70	
November -	4.20	2.50	2.10	1.90	3.50	2.30	4.50	
December -	.40	9.00	4.10	7.30	8.80	5.40	11.20	
TOTALS -		56.20	37.80	43.90	41.40	56.80	63.10	

The gauge situated in
an open space

Rainfall at *Back Thornly Mills*

Renss.

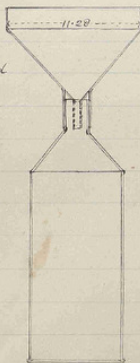
*Leopold*Diameter of Gauge, *11.28* in.Height above Ground, ft. *3* in.Above Mean Sea Level, *646* ft.*Clyde, L. bank - 2.*

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	7.00	7.00	6.80	9.00	5.10	4.50	12.24	4.00	0.00		
February - -	5.30	5.30	2.80	5.10	3.90	2.83	6.80	5.19	9.44		
March - - -	5.70	8.30	6.50	2.10	5.30	2.15	2.05	1.01	7.16		
April - - -	1.30	.70	3.60	6.20	3.00	1.26	1.65	7.07	3.90		
May - - -	3.50	1.80	5.80	4.40	1.30	4.60	1.95	3.57	3.37		
June - - -	4.80	3.20	3.30	4.60	3.90	7.9	3.00	2.20	2.92		
July - - -	1.90			.60	3.10	2.30	4.00	5.50	.55		
August - - -	4.40	9.00			.80	3.72	4.87	5.75	6.75		
September -	2.20	6.60	3.40	6.70	7.20	1.37	6.62	5.55	2.79		
October - -	7.10	4.60		4.50	4.20	5.20	4.35	6.60	7.05		
November -	3.20	9.00		6.00	4.30	4.46	5.40	(.87)	4.65		
December -	2.10	4.40	8.80	7.30	4.80	5.36	8.25	4.60	*		
TOTALS -	48.50				46.90	38.57	61.18				

Drawing of gauge used
in connection with the
Paistery Waterworks

1867 Nov. - g. disturbed

1868 Dec. g. stolen



RAINFALL AT Paisley Back Thornly Muir

Lat.....

Lon.....

County of... Renfrew

Rain Gauge, by..... Observer *H. Hopt. Lef.**Clyde, L. bank - 2.*

Diameter.....	11				1							
Height.....	1				1							
Altitude.....	647				646							
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	8.27	3.86	9.78	10.59	5.86	8.45	4.44	9.12	5.80	1.43	62.60	
February.....	4.27	6.05	5.91	1.35	9.77	2.15	5.69	4.94	3.63	2.18	37.14	
March.....	8.1	5.09	4.47	2.58	4.38	1.96	5.80	2.90	2.75	5.25	33.99	
April.....	2.96		1.59	4.2	1.29	2.46	2.19	4.05	3.04	1.60		
May.....	4.93	(9.00)	3.52	3.22	2.70	2.47	9.0	3.80	3.61	2.65		
June.....	1.92	4.21	6.21	2.34	2.53	3.98	4.87	5.01	3.10	6.72	37.95	
July.....	2.78	4.30	5.31	6.60	1.91	2.29	4.21	5.44	2.1	4.86	37.91	
August.....	1.75	4.44	(3.43)	5.40	5.59	5.17	5.73	9.15	2.50	5.70	48.83	
September.....	4.91	2.02	9.45	7.32	8.20	6.19	3.34	2.52	7.90	7.05	58.90	
October.....	5.73	4.02	4.84	8.76	12.14	5.45	8.15	8.39	7.29	3.59	68.36	
November.....	2.04	4.11	7.93	4.10	4.92	6.28	3.72	9.46	2.28	2.05	46.89	
December.....	2.40	6.47	6.63	4.88	1.53	5.81	7.39	7.67	2.57	3.92	49.26	
TOTALS.....	37.77	47.24	69.08	57.56	52.02	52.66	56.43	72.45	44.68	47.00	53.70	

1871 gauge stolen and not replaced till June 12th

Apr May & June estimated from
Stanchy, Muirhead & Springside

RAINFALL AT *Back Thornalymuir*

Lat. _____

Lon. _____

County of _____

Perth

Rain Gauge, by _____

Observer _____

R. Sharp, Esq
Clyde, L. bank - 2.

Diameter	12											
Height	1. 0											
Altitude	646											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	3.87	.11	7.37	8.42	9.38	2.87	4.93	3.92	4.25	4.27	4.939	
February	5.16	3.92	6.46	4.34	5.85	6.43	2.43	5.18	.77	3.70	4.424	
March	3.35	3.74	5.83	3.6	3.65	3.80	4.54	2.20	4.29	2.55	3.431	
April	4.38	1.70	2.61	4.82	1.96	2.43	2.46	3.09	2.08	2.97	2.850	
May	1.77	2.99	3.16	3.84	4.60	3.13	2.38	1.19	4.18	3.39	3.063	
June	2.75	4.89	4.71	3.56	2.75	1.90	2.25	1.17	3.14	.78	2.790	
July	4.60	5.40	4.90	3.58	4.91	2.66	3.42	3.74	6.49	2.70	4.238	
August	1.09	5.28	3.53	6.25	3.15	3.86	2.95	3.44	3.53	6.97	4.005	
September....	4.63	3.34	4.53	3.66	3.80	8.46	7.43	4.81	1.85	2.15	4.466	
October ....	.63	2.85	4.90	6.83	5.84	4.38	4.21	3.22	2.98	4.38	4.022	
November....	7.45	7.27	5.85	9.68	5.72	3.74	5.37	4.46	7.41	2.71	5.966	
December	4.26	5.79	6.58	7.02	9.80	3.51	4.21	3.71	5.99	4.78	5.565	
TOTALS	43.94	47.28	60.43	62.34	61.41	47.17	46.58	40.13	46.96	41.35	49.759	

RAINFALL AT Paisley W.H. Back Thornleyburn

Lat.

Lon.

County of Renfrew

Rain Gauge, by

Observer

Clyde, L. bank - 2.

R. Harp Esq

J. W. Moncrieff Esq. C.E.

J. Lee Esq

Diameter	12										
Height	10										
Altitude	646										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.81	3.97	3.75	1.46	5.99	.99	3.28	1.40	5.60	8.03	4.128
February ....	.96	1.30	1.59	4.82	9.81	.57	4.33	5.09	5.41	2.77	3.665
March	3.71	2.32	.84	1.95	3.43	4.16	6.79	5.65	2.66	5.24	3.675
April	1.87	1.15	1.12	1.52	2.38	3.45	2.59	3.07	3.70	4.91	2.546
May	3.57	2.14	4.78	3.24	3.78	.24	.76	3.29	2.21	4.75	2.876
June	4.66	1.92	4.07	3.10	3.03	2.20	4.71	7.52	3.28	2.09	3.658
July	4.28	1.25	2.36	2.84	2.99	5.23	5.30	3.28	1.80	4.48	3.981
August	3.64	5.71	7.86	3.65	5.32	6.43	2.72	6.66	6.73	1.72	5.044
September....	6.17	6.40	6.15	3.93	.24	2.09	6.22	3.69	6.29	5.54	4.672
October	4.39	5.00	5.01	6.77	4.57	4.12	5.22	2.87	4.84	5.52	4.831
November	8.06	4.03	5.16	2.72	4.35	7.12	1.91	4.42	5.57	7.81	5.115
December	1.49	7.84	2.93	5.37	4.07	5.80	7.99	7.34	10.93	3.83	5.959
TOTALS	49.61	43.03	45.62	41.37	49.96	42.40	51.82	54.28	59.02	56.69	49.280

1892 Gauge tampered with in weeks ending Sept. 24th and Oct. 8th. Average taken 1880 -

RAINFALL AT Paisley W. H. Back Thornlymuir

Lat.

Lon.

County of

Renfrew

Rain Gauge, by

Observer

J. Lee Esq. & Co.

Clyde, L. bank - 2.

Diameter ..	12										
Height	10										
Altitude ..	646										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	8.42	3.40	6.31	8.84	4.68	2.54	5.00	2.18	7.25	5.55	5417
February ..	2.87	1.95	2.18	9.23	3.23	2.82	3.70	3.49	3.42	3.63	3652
March ....	.40	2.75	4.11	8.68	2.39	4.29	3.60	4.95	4.58	1.93	3768
April	3.66	4.66	1.32	2.15	4.83	3.50	1.88	2.24	3.54	6.05	3383
May	4.25	2.32	2.63	3.51	3.36	2.23	5.23	3.42	3.13	1.84	3192
June	4.64	3.29	1.93	2.72	1.91	1.45	1.64	4.56	3.80	4.00	2994
July	4.06	2.38	3.93	4.53	2.93	3.50	2.49	2.24	2.86	4.31	3323
August	6.21	5.85	2.90	9.03	5.52	4.95	6.77	6.65	2.97	2.18	5303
September ..	5.58	5.23	4.37	5.26	6.63	3.32	2.53	1.92	8.54	3.45	4683
October	7.29	5.27	4.70	9.48	2.92	3.77	4.32	7.61	2.42	8.47	5625
November ..	6.68	5.19	3.72	3.64	3.09	5.51	6.68	4.20	3.69	.79	4319
December ..	10.28	6.02	5.98	4.35	4.56	3.55	3.63	8.45	5.95	8.83	6160
TOTALS ..	64.34	48.31	44.08	71.42	46.05	41.43	47.47	51.91	52.15	51.03	51819

H. Lee

RAINFALL at Paisley W.W., Back Thornlymuir

County of Renfrew Observer Jas. Lee Esq. C.E.

River Basin Clyde-left bank tribs. 2.

Rain Gauge, by

Diameter ...	12										
Height	1 0										
Altitude ...	646										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SUMS MEANS 16.19
January ...	5.31	5.19	4.10	4.69	4.10	3.98	9.02	3.18	5.39	5.24	22.83
February ...	5.28	10.44	4.87	5.15	5.54	6.60	5.72	1.08	7.90	.93	15.63
March	4.22	2.06	6.12	7.08	6.01	2.82	1.94	2.60	2.14	4.53	11.21
April	4.76	4.26	3.18	4.16	3.82	3.33	3.91	1.78	.71	1.80	8.20
May	2.44	3.40	1.50	3.53	2.53	1.36	3.89	3.00	2.24	.77	9.90
June	2.30	2.91	5.82	4.01	.92	2.71	3.69	5.24	1.60	4.65	15.18
July	4.14	2.92	3.00	1.69	2.78	4.92	4.47	2.45	4.28	1.02	12.22
August	9.12	4.80	4.00	2.06	4.95	2.88	3.79	3.71	4.05	2.93	14.48
September ..	1.99	2.56	3.33	2.69	2.67	1.53	1.22	4.02	8.05	4.71	18.00
October ...	3.37	4.52	7.01	2.96	1.82	2.39	8.52	9.00	6.81	1.04	25.37
November ..	4.09	7.75	5.28	7.74	5.98	2.75	5.82	10.52	5.57	4.28	26.19
December ...	5.67	8.69	11.71	5.97	8.33	5.51	5.83	3.55	6.19	7.33	22.90
TOTALS ...	52.69	59.50	59.92	57.73	49.45	40.78	57.82	50.13	54.93	39.23	202.11

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

RAINFALL at *Paisley W.W., Back Thornlymuir*County of *Renfrew*Observer *James Lee Esq C.E.*River Basin *Glyde-Left bank tribs. 2.*

Rain Gauge, by _____

Diameter ...	12												
Height	1 0												
Altitude ...	646												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	SUMS 20-30	
January ...	6.20	9.61	5.28	5.52	6.13	6.83	7.72	7.53	12.01	2.30	9.42	78.55	
February ...	7.87	1.88	5.93	5.08	1.33	5.20	6.11	3.23	6.66	2.60	4.45	26.14	
March	6.47	8.95	2.13	2.63	1.13	2.48	4.83	4.16	4.36	1.23	4.43	42.80	
April	1.72	1.21	3.34	4.00	3.11	6.81	3.42	3.71	1.98	1.67	1.68	32.65	
May	5.89	3.09	5.84	2.24	4.79	7.81	3.38	2.42	1.96	4.41	2.60	14.45	
June	3.06	.54	2.22	1.52	3.22	1.00	2.91	4.83	6.59	3.60	3.06	30.55	
July	4.84	4.24	3.79	5.43	4.22	2.07	3.73	5.73	4.09	3.89	4.10	46.43	
August	7.07	7.83	3.41	8.27	4.27	4.27	4.46	7.14	5.66	7.92	5.43	65.73	
September...	3.68	3.41	2.96	9.15	6.41	3.91	3.39	7.11	5.52	2.01	4.34	51.89	
October	1.85	6.26	2.79	7.96	4.13	4.18	7.86	8.27	9.93	7.82	9.34	70.39	
November...	5.64	3.67	3.88	4.59	5.51	1.14	7.62	6.49	7.01	9.88	6.80	63.03	
December...	5.71	9.60	5.43	5.06	8.20	4.68	2.50	1.36	6.14	12.89	6.10	67.67	
TOTALS...	60.00	60.29	46.90	61.77	52.45	50.38	57.93	61.98	72.61	60.22	57.75	642.28	

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
1925	55° 48'	4° 27'	Paisley	3 $\frac{3}{4}$ m	N.E.	Abbey	3 $\frac{3}{4}$ m	N.E.

RAINFALL at Paisley W.W. (Back Thornycroft)

County of Renfrew.

Observer

James Lee, C.E.

River Basin 2. Clyde - Left Bank

F. Stewart, Esq. C.E.

Type of Gauge

Annual Average 32.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.M.N.

Diameter	2"										
Height	1' 0"										
Altitude	646'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	35 yrs Means
January	4.79	12.03	5.02	7.96	2.54	4.89	6.16	9.23	6.12 (2.69)		61.63
February	6.09	1.15	7.11	7.74	6.90	2.66	5.83	4.33	8.39 (2.26)		44.16
March	1.47	2.52	4.58	4.24	2.61	3.56	1.26	5.90	4.13	5.76	36.03
April	1.85	4.93	3.05	3.82	4.01	1.75	2.80	1.23	3.15	3.03	29.62
May	5.04	3.53	2.23	3.76	1.54	1.81	1.82	5.12	1.29	90	26.04
June	6.85	1.83	2.50	2.97	5.49	2.00	4.03	7.12	2.79	88	35.46
July	5.29	4.44	5.05	2.84	2.25	7.48	5.04	5.53	5.77	4.23	47.92
August	2.91	1.81	3.84	5.57	2.71	3.30	4.34	3.20	1.85	2.89	32.42
September	1.98	6.76	1.20	7.05	7.42	4.88	4.29	5.18	2.07	5.28	46.11
October	5.19	8.48	3.66	8.43	11.74	7.21	4.18	11.27	2.55	6.34	69.05
November	9.32	5.63	3.01	2.46	6.40	5.44	8.7	10.30	11.22	7.99	62.64
December	5.73	11.63	1.68	8.27	3.41	8.55	3.27	3.92	3.63	7.32	57.41
TOTALS	56.51	62.74	42.93	58.11	56.02	53.53	43.89	72.33	52.96	49.77	548.79

1940 Jan. & Feb. apportioned.

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.			Paisley	3 $\frac{3}{4}$ m	N.E.	Abbey	3 $\frac{3}{4}$ m	N.E.

RAINFALL at Paisley W.W. (Back Thornlymuir) Station No. 5283 41
 County of Renfrew Observer F. Stewart Esq. C.E.
 River Basin 2, Clyde-left Bank J. A. McGregor (June 1948)
 Type of Gauge.....

Annual Average 50.9 in. based on 25 years obs. ~~un~~-weighted. Period of average 1891-1915 Ref. B. of N.

File No.

Diameter	12"					661	178			M	
Height	1' 0"						1				
Altitude	646'						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	5 yrs Means
January	1.31	7.32	6.07	7.51	3.47	8.48	6.32	8.18	8.88	4.78	62.32
February	5.54	1.90	8.74	2.90	9.38	3.35	.45	6.69	8.24	6.36	53.55
March	3.83	2.82	3.43	1.00	4.82	4.52	5.30	5.49	2.60	3.56	37.37
April	2.41	2.83	4.61	3.73	2.94	2.46	8.25	4.59	7.84	3.37	43.03
May	3.48	3.29	4.21	4.76	6.42	1.44	5.39	1.86	3.68	1.54	36.07
June	1.06	2.20	3.77	5.81	4.18	3.86	4.18	6.66	1.05	2.05	34.82
July	3.88	3.76	3.83	3.66	4.09	4.81	4.55	4.39	1.88	6.61	41.46
August	5.71	6.95	7.55	4.62	3.03	3.21	0.00	8.04	4.96	5.34	49.41
September	2.19	6.74	3.93	6.16	6.45	9.42	6.92	7.34	2.80	9.86	61.81
October	5.08	7.20	11.31	7.01	7.77	.54	3.94	7.29	7.35	5.25	62.64
November	4.70	1.19	2.88	9.47	.76	7.33	8.47	5.49	6.04	3.97	50.30
December	4.03	9.25	3.25	6.19	4.51	5.89	3.44	7.27	13.00	2.04	58.87
TOTALS	43.22	55.45	63.48	62.82	57.82	55.31	57.21	73.29	68.32	54.73	591.65

536.92

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. 5283

RAINFALL at Paisley W.W. (Back Tharnhamuir)

51

County of Renfrew

Observer J. C. F. McGregor Esq.

River Basin Clyde - Left Bank - 2

Type of Gauge ~~Standard~~ M.O. No. 6214/51

Annual Average 50.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. 7. N. S.

58-6 " " 1 year " 1959 - - - - - File No. 1916-1950

Diameter ...	12"	5"			6.61	7.8					
Height ...	1' 0"					1					
Altitude ...	646'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	7.49	7.66	2.60	3.68	3.22	3.75	7.99	6.31	1.89	2.79	
February ...	4.33	2.07	1.99	5.77	4.24	1.67	3.74	3.86	2.93	3.47	
March ...	4.47	3.96	1.36	3.44	2.10	2.61	4.49	.74	3.46	4.07	
April ...	3.30	2.55	2.20	2.00	2.67	1.71	3.26	2.25	3.82	3.87	
May ...	1.96	2.32	1.86	3.68	4.50	3.68	3.24	3.40	1.41	2.81	
June ...	3.27	5.02	1.81	2.79	2.64	3.14	2.44	3.53	4.58	3.26	
July ...	3.66	2.82	6.44	3.17	1.56	4.38	6.04	6.47	5.54	4.76	
August ...	5.48	4.78	3.69	5.85	1.22	5.15	4.04	5.13	1.45	3.44	
September ...	3.50	4.00	6.04	5.40	4.98	5.74	3.19	5.10	1.33	3.60	
October ...	1.44	6.00	4.11	9.70	(3.75)	3.85	5.10	5.39	7.16	3.60	
November ...	7.46	2.27	8.58	8.85	(2.50)	2.86	2.51	2.24	5.75	7.54	
December ...	8.85	5.65	6.00	5.45	9.76	7.89	7.05	6.71	9.32	6.29	
TOTALS ...	55.21	49.10	46.68	59.78	43.14	46.42	53.09	51.13	48.64	39.50	
	M	M		np.	M	M	M	M	M	M	

00064

1954. n.p. loc.

1955. Sup. M. Thomson 3.10. g. had been stolen & had been subject to theft. Newg. recorded to be at in hollow near to self indicated approximate site. Site built by.

1953. Print.

The 24.7.58 G. sound. ~~is not~~ - flat ground O/c all directions T.W. recom

7 Weekly readings. Monthly reported.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 26/467592

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-Rejected

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