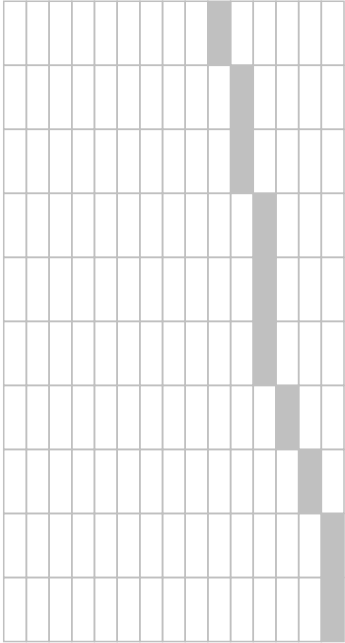


TYRain_1900-1909_25_pt1-page-181.jpg	Page 2
TYRain_1910-1919_24_pt1-page-031.jpg	Page 3
TYRain_1910-1919_24_pt1-page-032.jpg	Page 4
TYRain_1920-1930_27_pt1-page-012.jpg	Page 5
TYRain_1920-1930_27_pt1-page-029.jpg	Page 6
TYRain_1920-1930_27_pt1-page-030.jpg	Page 7
TYRain_1931-1940_22_pt1-page-174.jpg	Page 8
TYRain_1941-1950_26_pt1-page-139.jpg	Page 9
TYRain_1951-1960_23_pt1-page-323.jpg	Page 10
TYRain_1951-1960_23_pt1-page-344.jpg	Page 11



31

RAINFALL AT

Birmingham W.W. Figin I

Lat. _____

Lon. _____

County of

Radnor

Rain Gauge, by _____

Observer

E. Antomley Esq

Wye - I.

Diameter ...									5		
Height									10		
Altitude ...									1700		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									5.90	4.90	
February ...									6.35	2.20	
March									5.90	4.60	
April									3.75	6.00	
May									5.00	2.50	
June									3.35	3.70	
July									7.30	9.80	
August									7.25	3.60	
September ..									7.20	7.10	
October ...									1.70	10.90	
November ..									6.50	3.50	
December ...									7.00	8.45	
TOTALS ...									67.20	67.25	

RAINFALL at

30
Birmingham W.W. Figin

No 1

10

County of Radnor

Observer

E. Antony Lees Esq

River Basin

Wye 1

Rain Gauge, by

Diameter ...	5										
Height	1.0										
Altitude ...	1700										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	7.20	3.45	(6.90)	5.55	8.30	10.90	9.45	3.50	(7.75)	6.70	
February ...	7.60	4.30	(4.10)	2.85	7.10	8.90	8.90	3.05	9.60	(4.95)	
March	1.77	4.10	11.50	10.75	12.35	3.15	(5.00)	(4.20)	4.90	8.60	
April	6.00	3.40	1.10	9.25	3.20	5.65	7.60	(5.75)	2.40	(6.50)	
May	4.20	1.23	2.85	4.30	6.45	3.35	5.75	3.75	5.45	1.30	
June	8.05	5.10	6.80	7.45	2.60	1.90	5.75	4.15	4.35	5.92	
July	7.70	.85	6.80	3.35	7.25	6.62	4.15	3.21	6.85	3.40	
August	7.10	4.10	16.50	6.15	7.40	8.20	6.15	16.15	4.45	6.55	
September ..	9.0	6.70	2.13	3.95	6.10	2.25	6.60	5.12	17.25	5.30	
October ...	6.96	5.80	8.30	6.00	3.45	3.85	13.20	13.50	7.40	3.85	
November ..	8.15	6.80	8.60	12.20	9.45	(6.00)	5.25	10.35	8.55	(6.40)	
December ...	10.40	10.90	11.60	6.70	11.10	15.10	5.85	(3.50)	14.10	14.80	
TOTALS ...	76.03	56.73	87.18	81.50	84.75	(75.87)	(83.65)	(76.23)	(93.05)	(74.27)	78.926

1911 Ten inches short - not printed.
 1912 ~~Not for print~~ Jan & Feb est.
 1916 Mar cond for S
 1919. Feb, April, Nov. corrected for S.

+ Inspected

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

31

4242

10

RAINFALL at Birmingham W.W. Figin N: 2

County of Radnor Observer E. Anthony Esq

River Basin Wye

Rain Gauge, by _____

Diameter ...				5							
Height				1 0							
Altitude ...				1700							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS Totals
January ...				9.20	8.70	12.15	9.25	3.70	7.85	7.05	27.85
February ...				2.85	7.25	9.65	9.10	3.10	9.80	5.30	27.30
March				11.70	12.60	3.40	(5.10)	(4.40)	5.05	9.05	236 0
April				9.65	2.95	6.05	(7.55)	6.10	2.45	(6.70)	22.80
May				5.10	6.30	3.85	6.20	3.85	5.50	1.52	17.07
June				6.75	7.60	2.65	5.70	4.20	5.02	6.50	21.42
July				6.90	3.30	7.00	6.65	4.20	3.26	6.90	3.55 17.91
August				17.00	6.05	7.00	8.20	6.11	6.66	4.80	6.60 34.17
September ..				2.38	4.20	5.65	2.15	6.80	5.22	17.35	5.40 34.77
October ...				8.20	6.40	3.65	4.10	13.65	7.45	3.95	39.10
November ..				9.40	13.45	9.55	(5.95)	5.45	10.55	8.65	(6.80) 31.15
December...				10.90	7.60	11.45	15.70	6.00	3.45	14.25	15.00 38.70
TOTALS ...				87.10	84.75	(79.80)	(85.11)	(78.54)	95.07	(77.13)	335.84

1912 Nov. stamped with
1916 End for S. & by check g.
1919 April & Nov. corrected for S.

994

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

Form B.R. H. 20.

Hydro. No. 4227
465 365
N.A.R. S.N. 914 625

20

RAINFALL at Birmingham (Gymyard)

County of Radnor Observer J.W. Macaulay, Esq., C.E.

River Basin Wye - / Birmingham WSW.

Cop. Snowden Rain Gauge, by C. Wells

J.W. Wilkinson C E

Diameter ...	5												
Height	1.0												
Altitude ...	832												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 Totals	
January ...	8.01	8.16	9.07	6.38	6.23	7.03	9.13	9.24	12.26	2.21	10.31	88.03	
February ...	4.18	3.0	7.93	13.93	1.74	12.08	4.37	5.82	6.42	1.42	.88	59.07	
March	7.99	6.41	4.87	3.31	2.31	2.51	2.44	7.22	4.54	.53	3.75	45.88	
April	9.79	1.90	4.55	4.46	5.72	5.20	3.42	3.86	2.44	1.36	4.39	47.09	
May	5.13	2.73	1.19	5.06	6.08	5.96	3.54	2.11	1.13	4.34	3.50	40.77	
June	3.97	.77	1.87	.76	2.87	.11	2.81	6.72	6.23	3.55	1.87	31.53	
July	6.00	2.33	7.34	4.63	6.45	3.30	6.96	6.26	3.62	3.80	6.38	57.07	
August	2.03	6.25	3.56	5.79	6.35	4.92	5.45	10.38	6.57	3.10	7.09	61.49	
September...	4.34	1.80	4.22	5.27	8.32	4.93	3.43	6.53	1.80	2.42	7.96	51.02	
October	5.58	2.50	1.74	9.43	6.99	6.92	6.07	5.27	8.79	8.62	8.72	70.63	
November...	2.32	5.10	3.03	5.91	4.97	4.52	10.45	4.41	11.71	14.42	8.14	74.98	
December...	5.93	6.70	7.46	6.39	9.59	6.43	1.89	3.94	4.95	15.86	8.39	77.53	
TOTALS...	65.27	44.95	56.83	71.32	67.62	63.91	59.96	71.76	70.46	61.63	71.38	705.09	

Inspected C.E. 11.7.21. High temp in W. about 45 degrees. No improvement can be made. It can now be expected to give accurate results with W. wind. Better position than at the old gauge which was N.W.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

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

Form B.R. H. 20.

20

RAINFALL at Birmingham W.W. (Figs) No. 1County of RadnorObserver J.W. Macaulay Esq. C.E.River Basin Wye - 1J.W. Wilkinson C ECopp Bredford Rain Gauge, by Hicks
500 all over
7.24

Diameter ...	5"										
Height	1.0										
Altitude ...	600										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	10.05	12.13	8.75								
February ...	6.35	8.0	#								
March	7.35	9.00									
April	10.35	2.80									
May	7.55	3.80									
June	4.80	1.20									
July	8.55	4.50									
August	4.10	11.34									
September...	7.55	4.26									
October	6.85	4.10									
November...	3.25	5.55									
December...	5.74	12.40									
TOTALS...	82.49	71.88									

Inspected Oct 12. 7.21 g. on summit of slight eminence being the highest point of wide expanse of moor. fall steep on all sides, cutting over exposed. No turf wall & a good deal of waste in exposure. If kept up recommended adding turf wall & cutting heather but better to abandon.

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

METEOROLOGICAL OFFICE, AIR MINISTRY.

BRITISH RAINFALL ORGANIZATION, 62, CAMDEN SQUARE, LONDON, N.W.1.

(*1383) Wt. 1671-6044. 10,000. 4/21. J. T. & S., Ltd. 160.

Form B.R. H. 20.

4242

20

RAINFALL at Birmingham W.W. (Figin) No. 2County of BedfordObserver J.W. Macaulay, Esq. C.E.River Basin Wye - 1J.W. Wilkinson C ERain Gauge, by Asella
No. 4 5.00 all over
7 1/2

Diameter ...	5											
Height	1.0											
Altitude ...	1700											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 Totals
January ...	10.90	12.30	9.90	13.84	7.30	9.08	10.02	12.07	(16.13)	(3.41)	12.55	117.50
February ...	6.44	9.0	11.93	17.76	2.80	14.80	7.12	7.33	(11.87)	(2.49)	7.70	84.14
March	7.45	9.13	6.20	4.30	2.35	4.65	6.07	8.23	4.90	1.10	5.65	61.03
April	10.50	2.85	5.35	4.30	6.45	6.18	3.82	6.57	3.25	1.70	5.25	56.22
May	7.60	3.84	3.45	9.05	8.60	6.35	5.45	3.40	2.35	4.10	5.15	59.34
June	4.85	1.23	5.76	3.56	4.62	4.3	5.10	10.57	11.15	7.10	2.90	57.27
July	10.10	4.65	7.63	7.65	(2.47)	5.32	9.42	8.25	6.95	7.30	12.30	88.04
August	4.20	11.30	5.97	8.76	12.10	6.63	9.23	14.57	9.70	7.50	10.10	100.06
September...	7.80	4.20	9.63	10.80	10.36	8.22	6.88	(10.84)	3.20	2.70	9.85	84.48
October	6.90	4.30	2.62	16.42	9.67	11.73	8.42	(7.73)	10.75	12.20	14.95	105.69
November...	3.30	5.70	3.95	8.60	5.70	5.73	10.87	8.45	17.00	18.10	12.65	100.05
December...	5.85	12.76	8.40	12.70	(11.55)	8.62	4.18	3.65	9.20	16.95	10.20	104.06
TOTALS...	85.89	73.16	80.79	117.74	(90.97)	87.74	86.58	101.66	106.45	84.65	102.25	1017.88

Inspected Oct 13.21. g. about 4 mi NE of No 1 on perfectly flat
morr. The fall 1.6" high from with Recker & shall be maintained at
least this height. Since good site under circumstances; certainly best obtainable
If this well maintained at present the record should be good

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

METEOROLOGICAL OFFICE, AIR MINISTRY.

BRITISH RAINFALL ORGANIZATION, 62, CAMDEN SQUARE, LONDON, N.W.1.

(*1583) Wt. 1671-6044. 10,000. 4/21. J.T. & S., Ltd. 160.

A.M. Form 1356.

Air Ministry, Meteorological Office.

TF 4242

31

RAINFALL at Birmingham W.W. (Figini) No 2.County of RadnorObserver J.W. Wickham, G.E.River Basin 1- WyeA.A. Barnes, Esq. CE1940Type of Gauge FiginiFigini Birmingham Water Bill

P.8392

Annual Average 22.5 in. based on 23 years obs. un-weighted. Period of average 1931-1940 Ref. 2 A.W. 516

660552/26

Diameter	5											
Height	1.0											
Altitude	1700											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean	Total
January	12.20	11.00	(9.00)	8.10	6.10	9.20	14.30	15.20	11.75	4.90	101.85	
February	12.10	30	(9.40)	1.10	12.00	4.35	(12.10)	5.90	10.15	6.20	7360	
March	2.30	7.20	5.20	7.30	4.00	4.10	5.60	3.60	4.90	5.70	4890	
April	8.45	7.90	1.15	6.10	7.85	5.10	(8.10)	1.90	(6.00)	5.90	5845	
May	5.35	6.45	2.75	5.25	2.25	3.75	3.40	4.40	1.45	2.40	3745	
June	5.60	2.10	6.65	3.40	6.95	7.15	4.25	9.00	4.00	1.20	5030	
July	8.70	8.45	5.00	4.00	3.40	11.10	4.50	8.85	(12.45)	13.20	7965	
August	7.10	2.00	3.65	9.10	3.75	2.20	1.85	6.45	(4.60)	3.45	4415	
September	5.25	9.85	1.70	5.70	14.85	7.75	5.15	4.10	1.55	5.75	6165	
October	4.75	15.95	9.25	11.90	15.65	8.85	4.95	11.90	(4.55)	9.75	9750	
November	11.65	8.90	2.85	4.30	10.50	9.65	(3.00)	14.00	(22.75)	15.00	10260	
December	8.20	4.90	1.75	15.70	6.90	12.30	9.35	9.60	(8.00)	8.30	8500	
TOTALS	91.65	85.00	58.35	81.95	94.20	85.60	76.55	94.90	(92.15)	81.75	84210	

1933. Jan., Feb. cond. by Obsr.

Turf wall set up 30.9.37. (Footnote B.R. 1937)

1937 Feb., Apr. & Nov. adjusted by observer.

Position of Station on reduced Ordnance Survey Map, } No. of Map.....

1 mile to 1 inch Series

Reference No.....

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

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

A.M. Form 1603. Air Ministry, Meteorological Office.

RAINFALL at ²Birmingham W.W. (Figins) No 2

Station No. T.F. 4247

41

County of Radnor

Observer A.A. Burney Esq. C.E.

River Basin 1-Wye

C.A. Richardson Esq. C.E.

Type of Gauge

Feb 1940 "Birmingham Water Bill"

Annual Average 81.3 in. based on years obs. un-weighted. Period of average 1881-1915 Ref.

File No. 660552/26 E3170/45

Diameter	5				465	007						
Height	1	0										
Altitude	1700					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals	
January	5.00	10.65	11.35	11.40	7.15	9.65	(6.70)	16.60	6.95	5.25	90.00	
February	9.70	2.65	7.95	5.85	9.40	14.45	(3.80)	5.35	3.15	12.00	74.30	
March	7.25	6.10	3.10	1.80	3.75	2.05	(15.10)	4.85	5.50	3.90	53.40	
April	3.50	4.95	3.90	3.40	4.15	2.75	(5.80)	3.90	6.50	7.05	45.90	5
May	6.10	8.25	7.85	4.85	5.75	3.70	4.20	2.65	6.80	2.60	52.15	
June	2.20	1.25	7.00	5.00	8.15	7.05	3.45	9.35	0.75	2.90	47.10	
July	5.00	8.90	5.70	6.10	3.95	5.30	5.65	5.30	9.50	5.30	53.70	
August	11.75	6.25	8.10	4.15	5.75	14.05	1.00	7.60	4.90	(9.83)	73.38	
September	1.75	6.25	8.85	8.55	6.00	10.25	4.70	7.20	2.70	(15.61)	71.36	
October	9.20	12.00	6.80	14.10	5.30	3.65	1.85	7.20	9.45	4.50	74.05	
November	6.10	1.60	10.35	14.20	1.15	12.75	10.25	4.15	11.90	(9.90)	82.25	
December	8.50	12.60	4.60	8.50	8.90	7.85	7.75	11.60	13.50	7.80	91.90	
TOTALS	76.05	81.45	85.05	87.90	69.40	93.50	70.25	85.75	73.59	(86.63)	809.49	94

1941 Jan. pt. estd from map.

22.9.47. Gauge overhauled. Turf wall raised. New octagon gauge fixed

1947 Jan. Feb. Mar. & April estd by Engineer

1950 Aug. Sept. Nov. port est.

1949 November corr. by reference to form 1090.

1950 Annual total corr. for anth.

2 Turf wall round gauge

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

A.M. Form 1903. **Air Ministry, Meteorological Office.**RAINFALL at S. Birmingham WW (Tyomnydd)Station No. 4227

51

County of RadnorshireObserver C. A. Risbridger Esq C.E.River Basin 1 - WyeType of Gauge SnowdonAnnual Average 62.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.M.S.
62.80 - 18 - (with) 1938-56 File No. 1916-1950 145 S

Diameter ...	5"				465	365						
Height ...	1'0"					1						
Altitude ...	832'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals	
January ...	7.03	9.16	2.14	(5.38)	4.79	8.92	6.85	7.31	8.65	8.78	69.01	
February ...	7.54	3.11	2.85	5.67	3.80	0.95	7.50	9.57	0.69	8.67	50.35	
March ...	6.92	3.04	5.13	4.87	4.94	4.05	5.16	1.99	5.18	3.29	44.57	
April ...	5.91	3.29	4.99	1.20	3.38	2.30	0.26	1.75	6.52	5.43	35.03	
May ...	2.71	3.88	3.19	4.08	7.12	0.96	3.35	4.76	2.41	2.45	35.91	
June ...	1.23	3.92	2.14	6.43	6.89	2.98	2.60	4.53	2.94	2.90	36.56	
July ...	2.08	1.93	5.56	4.74	1.22	4.04	6.13	5.62	4.37	5.52	41.21	
August ...	5.63	5.70	4.49	5.91	1.51	7.64	8.66	4.20	0.59	4.33	48.76	
September ...	5.17	4.48	6.23	6.53	4.14	6.54	11.27	9.28	0.32	4.98	58.94	
October ...	1.53	6.87	3.71	8.84	4.67	4.11	5.09	5.49	8.05	8.65	57.01	
November ...	12.72	4.73	5.51	11.87	4.99	3.34	4.12	3.66	7.83	11.97	70.74	
December ...	8.71	6.34	2.21	7.10	7.37	(7.64)	5.17	5.89	14.16	9.10	73.69	
TOTALS ...	68.18	56.45	48.15	72.62	54.82	53.47	66.16	64.15	61.71	76.07	621.78	10
	D	D	D	D	D	D	D	D	up	D		

Gauge & site overhauled Mar 1953, also 7.9.53.

1955. Station overhauled 24.8.55.

Inch. 11.57.1.60. Trees 90', 90' W-NW. Overhead 55W-55E & N-NW. No good site available.

Turf-wall fence

1959. up low

1960 site opened up by topping trees to 35 ft. 1st March 1960.

S Turf wall round gauge

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SN 914625

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
	D	D	D	D	

A.M. Form 1903. **Air Ministry, Meteorological Office.**RAINFALL at E Birmingham WW (Fig in) 2Station No. 4242 TF19

51

County of RadnorshireObserver C. A. Risbridger Esq. CERiver Basin 1 - WyeType of Gauge OctapontAnnual Average 81.3 in. based on Feb 1940 Bim. W. Rill. years obs. un-weighted. Period of average 1881-1915 Ref. 1916-1930
85.87 " " 35 " " 1916-1950 File No. E 3170/45 P

Diameter ...	5"				465	007					
Height ...	1'0"					1					
Altitude ...	1700					51	1620'				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	8.30	8.35	4.65	(7.05)	6.80	(9.60)	7.15	7.40	10.00	12.05	81.35
February ...	8.55	6.40	4.70	8.40	3.15	2.00	6.45	10.95	2.20	10.80	63.60
March ...	10.00	4.00	6.95	5.70	4.75	5.55	6.55	2.05	4.85	4.50	54.90
April ...	7.80	3.25	6.00	3.95	6.80	3.25	0.85	3.70	7.75	6.45	49.80
May ...	3.90	3.90	4.05	4.65	8.30	2.75	3.45	4.85	1.65	2.45	39.95
June ...	1.85	5.05	2.25	7.15	7.85	4.70	3.65	5.45	3.55	3.50	45.00
July ...	3.85	(3.10) 2.60	10.45	9.00	1.15	5.45	10.05	5.05	6.35	(9.65)	64.10
August ...	8.35	(7.35) 6.65	(6.50)	(9.55)	2.00	11.15	(15.00)	5.60	1.00	7.75	74.25
September ...	5.90	(7.50)	7.85	8.85	6.90	(8.00)	15.70	9.60	0.75	6.70	77.75
October ...	3.05	9.50	4.50	12.95	6.85	5.45	8.25	8.90	11.45	7.15	78.05
November ...	16.85	(6.50)	6.85	12.00	4.45	5.55	4.55	4.00	9.30	13.55	81.60
December ...	11.10	(8.95)	3.45	12.25	8.40	(9.30)	8.25	7.05	14.00	11.65	94.40
TOTALS ...	87.50	(73.85) 42.65	(68.20)	107.50	67.40	(72.75)	89.90	74.60	72.85	96.20	804.75
	n	n	n	m	m	n	m	n	m	m	

1954: Station overhauled 1st June.

Sept 1958. New S. fitted.

Aug 1956

July 1959 160k. g. wind. Site over-erased all directions. Turf wall reasonably good.

1960 July smallest.

5 Turf wall round gauge

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 22 828 715

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-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	< 1912 inc 1913-19 -	—	1931 M 1932-34 - 1935-40 M	M	