

TYPE-I DAILY RAINFALL DATA

(IN INCHES AND CENTS)

FORMAT-I

1901-1950

*not
always blank*

*check col 74 for blank + (col. 20, 21 for 1, 9) ⇒ Type 2
cannot just check for a blank in col 74 since blanks indicate neg data
Denies this*

PUNCH CARD FORMAT OF DAILY RAINFALL DATA

S.N.	Card code	On the punch card		Card code definition	Explanation	Valid digits
		No. of columns	Column Numbers			
1	Catchment Number	3	1-3	i) One digit in col.1 to designate Region Number. ii) Two digits in col.2-3 to designate River Catchment Number.	i) Country has been divided into 6 Regions ii) Each Region has been divided into various River Catchments (Max = 26).	i) 1-6 in col. 1 ii) 0-2 in col. 2
2	Latitude	4	4-7	Latitude in degrees and minutes (^o N)	Col.4-5 for degrees and Col.6-7 for minutes	08-35 in col.4-5 00-59 in col.6-7
3	Longitude	4	8-11	Longitude in degrees and minutes (^o E)	Col.8-9 for degrees and col.10-11 for minutes	68-97 in col.8-9 00-59 in col.10-11
4	Year	2	12-13	Year in two digits	1901 punched as 01	
5	Month	2	14-15	Month in two digits	January as 01 December as 12	
6	Card number	1	16	Card number to identify the dates. There are 2 cards for each month.	Digit one in col.16 indicates dates 1-15 and digit two in col.16 indicates dates 16-31.	

Note : The first 16 columns are common to both card no.1 and 2.

FORMAT I
1901-1950

... 2..

S.N.	Card code	On the punch card		Card code definition	Explanation	Valid digits
		No. of columns	Column numbers			
<u>Details of Card No.1 (digit one punched in col.16)</u>						
7	Daily Rainfall amount	4	17-20	Rainfall amount recorded in inches and cents for date : 1	Rainfall amount; inches part punched in col. 17-18 and cents part punched in col.19-20 (e.g. 2 inches 65 cents are punched as 0265 in col.17-20 respectively).	
8	"	4	21-24	" 2		
9	"	4	25-28	" 3		
10	"	4	29-32	" 4		
11	"	4	33-36	" 5		
12	"	4	37-40	" 6		
13	"	4	41-44	" 7		
14	"	4	45-48	" 8		
15	"	4	49-52	" 9		
16	"	4	53-56	" 10		
17	"	4	57-60	" 11		
18	"	4	61-64	" 12		
19	"	4	65-68	" 13		
20	"	4	69-72	" 14		
21	"	4	73-76	" 15		
22	Blank	4	77-80	Blank —		

...3.

S.N.	Card code	On the punch card		Card code definition	Explanation	Valid digits
		No. of columns	Column numbers			
<u>Details of Card No.2 (digit two punched in col.16)</u>						
23	Daily Rainfall amount	4	17-20	Rainfall amount recorded in inches and cents for date ..	16	
24	"	4	21-24	"	17	
25	"	4	25-28	"	18	
26	"	4	29-32	"	19	
27	"	4	33-36	"	20	
28	"	4	37-40	"	21	
29	"	4	41-44	"	22	
30	"	4	45-48	"	23	
31	"	4	49-52	"	24	
32	"	4	53-56	"	25	
33	"	4	57-60	"	26	
34	"	4	61-64	"	27	
35	"	4	65-68	"	28	
36	"	4	69-72	"	29	
37	"	4	73-76	"	30	
38	"	4	77-80	"	31	

Note :- (1) This Format is applicable to stations in all States except the States of (i) Maharashtra (ii) Madhya Pradesh. (iii) Karnataka (iv) Tamil Nadu (v) Kerala and (vi) Himachal Pradesh.

(2) It is not applicable to Observatory stations. (3) It is not applicable to some selected stations.

(End of Format I)

TYPE-I DAILY RAINFALL DATA

(1901-1957 IN INCHES AND CENTS
1958-1970 IN MILLIMETRES AND TENTHS)

FORMAT-II

1901-1970

PUNCH CARD FORMAT OF DAILY RAINFALL DATA

S.N.	Card code	On the punch card		Card code definition	Explanation	Valid digits
		No. of columns	Column numbers			
1	Catchment Number	3	1-3	(i) One digit in col.1 to designate Region number. (ii) Two digits in col.2-3 to designate River Catchment number.	(i) Country has been divided into 6 Regions. (ii) Each Region has been divided into various River Catchments (Max = 26).	1-6 in col.1 0-2 in col.2
2	Sub-division Number	2	4-5	B L A N K <i>< not always ></i>	These columns have not been punched	
3	Latitude	4	6-9	Latitude in degrees & minutes (⁰ N)	Col.6-7 for degrees and col.8-9 for minutes	
4	Longitude	4	10-13	Longitude in degrees & minutes (⁰ E)	Col.10-11 for degrees and col.12-13 for minutes	
5	Station number	2	14-15	Two digits number in degree square	Nos. have been allotted to stations in each degree square to identify the exact station.	
6	Height of station	4	16-19	Height of station above mean sea level.	In TENS of feet upto Dec.1957 and in TENS of metre from Jan.1958 onwards.	
7	Year	4	20-23	Year in four digits	1901 to 1970	
8	Date	2	24-25	D a t e	Dates 01-31 are punched in col. 24-25	0-3 in col.24

FORMAT II
1901-1970

..2..

S.N.	Card code	On the punch card		Card code	Definition	Explanation	Valid digits
		No of columns	Column numbers				
9	Daily Rainfall amount	4	26-29		Daily Rainfall amount in inches and cents upto the end of Dec., 1957 and in millimetres & and TENTHS from Jan.1958 onwards.	Daily Rainfall amount for the date mentioned in col.24-25 for the month of January.	
10	"	4	30-33	-do-		Daily Rainfall amount for the same date punched in col.24-25 for the month of February (i.e. one card contains daily Rainfall data for one date of all the 12 months of the year).	
11	"	4	34-37	-do-		"	March
12	"	4	38-41	-do-		"	April
13	"	4	42-45	-do-		"	May
14	"	4	46-49	-do-		"	June
15	"	4	50-53	-do-		"	July
16	"	4	54-57	-do-		"	August
17	"	4	58-61	-do-		"	September
18	"	4	62-65	-do-		"	October
19	"	4	66-69	-do-		"	November
20	"	4	70-73	-do-		"	December
21	Blank	7	74-80	L e f t	B l a n k		

NOTE :- This FORMAT is applicable to stations in the States of (1) Maharashtra (2) Madhya Pradesh (3) Karnataka (4) Tamil Nadu (5) Kerala and (6) Himachal Pradesh and also all Observatory stations and a few selected stations irrespective of the States.

--o--

(End of Format II)

vt