



SUPPLEMENT
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DAILY RAINFALL RECORDED AT STATIONS IN ORISSA

District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Cuttack	Jagatsingpur	0'03	3'23	0'59	...	0'03	...	1'63	0'11	0'21	0'17	1'00	0'39	0'07	...	0'45	1'00	0'39	...	0'08	...	
	Banki	...	0'23	0'79	...	0'06	1'15	...	0'95	0'10	...	2'93	1'25	0'39	1'59	1'75	2'15	0'07	...	0'06	0'77	
	Cuttack	...	0'01	...	0'25	...	0'26	...	0'45	...	0'78	0'53	0'84	0'15	0'20	0'40	0'10	0'50	0'13	...	0'13	...
	Kendrapara	0'03	0'13	0'72	0'40	...	1'50	0'55	...	1'07	0'85	1'50	0'30	0'35	0'20	0'85	0'70	0'10
	Jajpur	...	0'21	0'05	...	0'14	...	0'98	0'62	0'61	0'02	0'15	1'12	0'52	1'05	0'24	0'12
	Dharmasala	...	0'51	0'12	0'11	1'85	1'43	0'12	0'17	0'75	0'25	1'50	1'30	0'22	...
	Salepur	...	1'10	0'10	...	0'05	...	0'33	...	0'08	...	0'55	0'05	...	0'25	0'25	0'50	3'16
	Aul	...	0'34	0'78	0'13	0'37	0'15	2'48	0'08	0'31	0'56
	Binjharpur	1'00	0'60	0'10	...	0'25	...	0'40
	Korai	1'25	0'15	...	0'45	...	2'85	1'47	...	0'84	1'75
	Sukinda	2'35	0'38	...	0'25	0'50	1'0	0'63	...	0'12	1'52	0'25	0'10	0'31	0'08	1'60	0'28	0'08	...	0'02
	Rajkanika	0'25	...	0'05	...	0'56	0'75	0'17	...	0'35	0'12	0'20	0'05	0'06	2'50	0'25	...	0'28
	Barchana	...	0'14	0'50	...	0'15	0'29	0'11	0'45	0'80	...	0'28	0'49	0'20	0'63	2'18	0'35	...	0'30	...
	Patamundai	0'09	0'79	...	0'22	0'12	1'11	0'72	1'25	0'09	0'27	...	0'15	1'70	0'13
	Angul (Observatory)	0'03	1'25	0'26	...	0'03	0'20	0'94	0'44	0'28	0'13	0'04	0'75	0'55	0'78	0'34	1'08	...
	Chhendipada	0'07	0'61	1'39	0'25	...	0'33	0'07	1'00	1'05	0'12	0'05	2'06	0'92	0'68	0'47	0'37	...
	Tikarpura (Purnakot.)	...	2'04	0'21	0'16	1'55	1'48	2'84	1'39	0'06	0'18	3'04	1'46	0'18
	Bantala	...	0'23	2'75	...	0'32	...	0'50	...	0'13	0'91	...	1'54	4'10	0'40	0'36	0'01	1'40	0'46	0'05	0'28	1'03
Jarpura	...	0'04	1'10	0'69	...	...	...	0'38	...	0'05	0'33	1'38	0'06	0'10	0'11	1'12	0'89	0'06	0'65	...	...
Balasore	Akhayapada	...	0'80	0'30	...	0'20	1'20	...	0'72	...	0'5	0'30	0'10	...	0'37	1'40	...	...	...	...	...
	Chandbali (Observatory)	0'01	0'62	0'03	...	...	0'39	0'62	0'06	...	0'98	0'14	0'21	0'05	0'09	2'07	0'40	0'44	0'30	0'16	...
	Bhadrak	...	0'62	0'62	0'49	0'01	...	0'60	2'10	...	...	0'53	0'51	0'54	0'28	1'04	0'11	2'02	0'05	...	0'38
	Soro	...	...	...	...	1'50	0'45	...	...	...	...	2'05	...	...	...	0'60	0'75	...	...	...	...
	Balasore (Observatory)	...	0'06	...	...	1'29	0'47	...	...	...	...	0'67	...	0'04	0'02	0'80	0'09	...	0'04	...	0'04
	Jellasore	...	0'02	0'06	...	...	0'03	...	...	...	...	0'11	0'35	0'10	0'56	1'44	0'66	...	0'02	...	...
	Baliapal	...	0'02	...	...	...	...	...	0'05	...	...	...	0'55	0'10	0'29	2'70	0'28	0'26	...	0'02	...
	Eram (Basudebpur)	...	...	0'11	...	...	0'14	...	1'62	0'03	...	0'75	...	0'09	0'30	0'21	0'24	0'02	0'10	...	...
	Turigaria (Khaira)	...	0'49	...	...	0'15	...	...	0'32	2'04	0'95	0'27	0'06	...	0'30	1'70	0'09	...	...	0'47	...
	Bonth	...	0'55	0'61	0'65	...	0'04	...	0'84	1'46	1'50	0'40	...	...	0'40	0'50	...	...	...	...	...
Puri	Puri (Observatory)	...	2'40	0'18	...	0'55	...	0'08	0'10	...	...	2'40	0'82	...	...	2'29	0'38	0'03	...	...	...
	Khurda	...	0'30	0'15	0'05	1'00	...	...	...	0'40	0'30	1'60	1'10	1'60	0'80	1'95	...	...	3'60	0'21	...
	Banpur	...	0'70	3'13	0'13	0'01	2'25	0'16	3'20	0'06	0'45	...	0'80	0'88	0'35	...	0'92	0'50	0'06	0'22	0'09	...
	Gop	...	0'10	3'16	0'52	...	...	...	2'09	...	...	0'52	1'12	0'21	...	1'17	1'70	1'68	...	...	...
	Kanas	...	...	...	...	...	...	...	1'44	...	0'64	0'72	...	...	...	1'63	0'67	1'25	...	...	...
	Tanghi	...	0'25	6'30	0'03	0'03	0'08	0'15	0'65	...	...	1'80	1'10	...	...	0'55	0'70	0'13	...	...	0'07
	Jankia	...	2'80	0'70	0'56	0'60	0'40	...	0'20	0'05	0'04	0'06	1'08	...	...	1'70	0'91	...	...	0'15	...
	Kakatpur	...	...	1'03	...	...	...	1'25	...	...	...	0'51	0'60	...	...	1'00	0'30	0'82	...	...	...
	Bolgarh	...	0'96	2'18	1'03	...	1'16	1'11	0'40	0'30	0'16	...	0'27	0'65	1'00	...	2'00	0'96	0'70	0'16	0'80	0'20
	Krishnaprasad	1'11	0'80	0'55	0'29	0'26	0'20
Sambalpur	Bhubaneswar	...	0'18	0'08	...	0'70	2'25	...	...	...	0'12	0'82	1'12	0'12	0'76	0'70	1'02	0'54	...	0'35	0'70
	Pipli	...	10'10	...	0'95	...	0'75	3'18	0'38	...	0'04	0'70	1'51	...	...	1'00	0'85	1'60	...	0'19	...
	Sambalpur (Observatory)	0'60	2'09	0'66	...	...	0'46	0'15	0'08	...	...	0'60	0'11	0'48	0'49	0'02	3'12	0'46	0'53	...	0'05
	Bargarh	...	0'95	0'79	0'10	...	0'17	...	...	...	...	0'71	1'56	0'76	0'11	0'07	1'23	0'60	0'44	...	...
	Padampur (Barasambar)	0'14	0'11	1'56	0'04	...	...	...	0'21	0'10	...	1'68	2'23	1'27	0'07	0'02	0'18	0'99	0'13	0'17	0'15
	Jharsuguda	...	0'70	0'03	...	0'22	1'31	0'11	...	...	...	0'20	0'37	0'48	0'36	0'23	1'87	2'65	0'17	...	0'01
	Dhama	...	1'66	0'90	...	...	0'65	...	0'39	0'18	...	0'05	0'53	0'09	0'19	0'15	2'20	0'52	0'80	0'10	0'15
	Ambabhona	0'03	0'76	0'01	0'02	...	0'17	...	...	0'19	...	0'58	0'29	0'06	0'05	0'92	1'34	0'28	0'22	...	0'25
	Bijepur	...	...	...	...	...	...	...	...	...	...	1'18	0'63	0'22	0'02	...	1'18	0'72	0'11	...	0'16
	Khariar	...	1'93	0'35	0'30	...	0'10	...	1'60	0'14	0'53	0'43	0'25	2'20	0'13	...	0'10	...	0'40	...	0'11	0'00
Nawapara	...	...	0'17	0'15	...	...	0'10	...	0'30	0'25	1'10	2'56	0'04	...	0'30	0'03	1'05	0'06	...	1'15	

* Rainfall return not received.
 ? in the columns for the "normal" figures indicates that "normals" have not been established; elsewhere it means that, records being incomplete, the figure are not known.

FOR THE MONTH OF JULY 1937.

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Normal number of rainy days.	Total rainfall for the month.	Normal rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st June 1937 to 31st July 1937.	Normal rainfall from 1st June to 31st July.	Station.	District.											
											(0.1" and over).																			
...	0.54	1.60	11.84	1.01	0.02	0.18	0.15	0.40	0.03	...	18	14.1	25.48	12.88	11.84	33.77	21.42	Jagatsingpur	Cuttack.											
0.05	...	0.09	6.09	1.10	0.17	0.15	0.80	0.48	...	0.03	18	14.0	23.00	11.66	6.09	33.56	21.12	Banki ...												
...	0.13	0.53	0.31	0.80	0.10	0.25	0.08	0.27	0.09	...	20	15.6	16.30	12.18	9.31	27.20	22.78	Cuttack ...												
...	...	2.10	10.55	...	0.50	0.30	...	...	...	...	18	14.0	22.70	11.72	10.55	31.00	21.07	Kendrapara...								
...	1.22	0.73	5.07	0.12	0.45	0.24	0.04	0.11	0.13	...	19	14.2	15.44	12.11	5.67	24.63	21.98	Jajpur ...												
0.05	0.63	1.17	7.17	0.75	0.91	1.26	...	0.08	...	...	18	15.2	20.35	12.57	7.17	28.53	22.26	Dharmasala ...										
...	0.16	1.70	10.00	...	...	...	0.21	0.14	0.02	...	14	14.0	19.30	10.08	10.00	24.13	20.47	Salepur ...									
0.96	5.26	4.00	...	...	2.40	0.3	1.22	...	...	...	14	12.3	19.38	11.31	5.26	27.68	20.74	Aul ...							
...	...	1.50	5.70	...	...	1.40	0.45	1.60	...	...	10	15.1	10.30	12.74	5.70	22.50	22.69	Binjharpur ...								
...	0.30	6.35	1.39	0.60	0.52	...	0.35	...	...	...	13	13.0	18.27	12.44	6.35	24.27	21.83	Koral ...									
0.13	0.31	1.18	2.96	0.40	0.23	0.90	...	...	0.65	...	21	15.1	16.23	13.51	2.96	22.85	26.04	Sukinda ...										
...	4.00	2.50	0.03	...	2.15	0.50	1.05	...	...	...	15	12.0	15.82	8.23	4.00	27.65	17.21	Rajkanka ...									
...	1.15	1.50	7.80	0.28	0.12	1.55	...	0.12	...	...	20	1.73	19.28	15.69	7.80	28.25	26.99	Barchana ...										
...	1.80	3.90	0.34	...	...	1.80	0.03	0.70	...	...	15	?	21.27	?	6.34	28.20	?	Patamundai								
...	0.43	0.82	5.24	0.24	0.05	0.10	...	0.23	1.20	0.02	20	14.4	16.29	10.99	5.24	25.25	19.84	Angul (Observatory)												
...	0.06	1.20	5.05	0.10	0.02	0.27	...	0.62	2.35	0.02	17	15.3	19.30	13.05	5.95	28.32	22.11	Chhendipada												
0.74	0.68	1.24	5.56	0.34	0.52	...	0.84	0.46	1.36	...	20	16.7	26.24	12.56	5.56	35.13	21.77	Tikarpara (Puraakot)												
0.04	...	0.31	4.05	0.17	0.04	...	...	0.29	1.80	...	18	?	21.99	?	4.05	28.12	?	Bantala ...										
0.05	...	1.14	4.89	0.12	0.41	...	...	0.31	2.02	...	16	?	15.96	?	4.89	25.31	?	Jarpara ...										
...	0.35	0.25	5.21	...	...	...	...	...	0.30	...	14	14.1	11.95	11.34	5.21	20.38	20.79	Akhayapada							
0.01	0.03	4.37	2.05	0.03	0.05	1.73	0.11	0.86	0.03	...	15	13.6	15.52	11.85	4.37	28.44	20.67	Chandbali (Observatory)												
...	0.24	0.12	1.28	0.06	6.05	0.31	...	0.23	1.45	0.07	18	14.3	13.33	11.72	2.30	25.18	21.25	Bhadrak ...												
...	1.80	0.95	4.10	...	0.80	0.10	...	0.50	3.50	...	12	14.0	16.70	11.32	4.10	31.13	19.81	Soro ...												
...	0.33	0.10	1.43	...	0.85	0.21	0.50	2.56	0.85	0.11	13	14.1	10.66	10.90	2.56	22.22	20.97	Balasore (Observatory)												
0.19	0.08	0.60	0.52	0.10	0.26	0.12	0.03	1.12	0.10	...	14	14.2	6.47	12.31	1.44	15.56	21.55	Jelasore ...												
...	0.02	0.46	1.64	0.05	0.48	0.33	0.50	3.40	0.90	...	13	14.3	12.05	11.23	3.40	20.25	21.55	Ballapal ...												
...	0.67	0.50	1.57	...	...	0.79	...	0.34	2.40	0.05	14	12.8	9.93	9.18	2.40	19.16	17.60	Eram (Basudebpur).										
0.70	0.13	1.15	...	0.50	0.06	0.04	0.70	0.90	...	0.10	16	14.7	11.14	10.81	2.04	21.39	21.44	Turigaria (Khatra).												
...	...	0.30	1.40	...	...	...	0.30	1.31	0.04	0.03	13	13.6	10.33	10.02	1.50	20.27	15.89	Bonh ...									
1.77	0.49	1.53	2.01	0.05	0.08	...	...	0.02	0.04	...	12	11.9	15.77	10.03	2.61	23.62	17.34	Puri (Observatory).										
1.20	3.00	9.30	0.10	...	0.15	0.14	0.10	0.01	...	...	19	15.8	26.66	12.60	9.30	36.46	21.93	Khurda ...										
...	0.26	0.65	2.40	0.12	0.01	...	...	...	...	...	17	13.1	18.85	10.08	3.80	21.05	17.62	Banpur ...							
1.04	2.48	3.53	...	...	...	...	...	0.23	...	...	14	13.3	19.55	12.11	3.53	23.41	20.29	Gop ...					
...	2.04	0.70	3.77	9	12.2	12.99	11.99	3.77	?	19.76	?	Kanas ...											
0.10	1.05	0.60	2.72	0.14	...	...	...	...	0.03	...	14	13.8	16.48	10.80	6.30	20.31	21.08	Tanghi ...								
0.95	0.15	0.63	3.52	0.10	...	...	...	...	...	...	15	13.7	14.65	11.99	3.52	23.87	21.49	Jankia ...						
...	0.40	1.00	2.25	...	...	...	0.10	6.11	...	...	12	11.5	9.41	11.50	2.25	15.76	23.03	Kakatpur ...							
0.11	...	1.96	3.20	0.20	...	...	0.10	...	...	...	22	13.7	19.71	11.75	3.20	25.91	21.27	Bolgarh ...							
...	2.60	1.83	...	...	...	...	...	...	...	...	8	?	7.64	?	2.60	10.63	?	Krishnaprasad				
...	0.35	0.53	10.40	...	...	0.36	0.72	0.25	...	...	19	?	22.17	?	10.40	28.04	?	Blhubaneswar								
...	1.50	1.82	5.12	...	0.08	0.73	...	0.27	...	...	16	13.4	30.64	11.92	10.10	38.87	19.23	Pipli ...										
0.03	0.19	1.44	11.60	3.86	0.10	0.13	0.01	0.05	3.00	0.18	19	19.4	29.64	20.02	11.60	45.16	30.94	Sambalpur (Observatory).												
0.72	1.22	1.75	8.66	2.35	...	...	...	0.65	2.31	0.25	19	16.1	25.40	16.14	8.66	40.48	25.18	Bargarh ...									
0.69	0.04	0.13	1.98	1.82	0.16	0.01	...	2.16	1.21	0.17	21	14.8	17.45	13.52	2.23	27.86	22.66	Padampur ... (Barasambar)												
0.42	1.68	0.02	1.26	2.66	0.25	1.25	0.44	0.71	3.76	0.03	21	?	21.19	?	3.76	37.35	?	Jharsuguda...												
0.29	0.06	0.12	6.50	2.51	0.45	0.29	0.03	0.75	2.97	0.21	24	?	23.76	?	6.50	37.74	?	Dhama ...												
0.66	1.06	10.41	6.81	0.22	0.07	0.23	...	2.64	0.54	0.21	20	?	29.07	?	6.81	45.13	?	Amababhona												
0.43	0.28	3.62	2.79	0.03	0.06	0.02	3.58	2.99	0.32	0.13	15	?	18.47	?	3.62	34.00	?	Bijepur ...												
0.70	...	...	0.85	0.35	...	...	...	0.07	0.48	0.15	19	15.3	12.10	12.40	2.30	18.09	22.55	Kharlar ...							
0.05	3.72	0.02	1.10	2.50	0.02	...	...	1.13	1.55	0.10	16	?	17.75	?	3.72	24.76	?	Nawapara ...										

DAILY RAINFALL RECORDED AT STATIONS IN ORISSA,

District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Gaujam	Russellkonda	0.82	0.43	...	...	...	...	0.62	0.17	...	0.10	2.18	0.57	0.14	...	0.19	0.83	...	...	0.62	0.17	
	Surada	...	0.80	0.35	1.20	...	0.76	0.21	...	...	...	5.31	0.65	...	...	0.28	0.84	...	0.30	0.60	0.14	
	Aska	...	...	1.45	...	...	0.72	...	...	...	0.70	1.85	1.70	1.33	0.40	...	0.45	...	...	0.35	...	0.21
	Purusottapur.	0.19	0.23	0.40	0.03	0.25	0.13	0.12	0.04	...	...	...	3.07	1.08	...	...	0.18	0.01	...	...	...	0.24
	Rambha	...	...	0.35	...	...	...	1.00	...	0.45	...	2.00	...	...	...	...	0.45	...	...	...	...	0.25
	Chatrapur	...	0.44	0.17	...	...	...	0.09	0.23	0.35	...	...	4.52	0.53	...	...	0.27	0.16	...	0.09	...	...
	Gopalpur (Observatory).	0.42	0.09	...	...	0.57	...	0.50	...	...	...	...	3.44	0.41	...	...	0.24	0.02	...	...	...	...
	Berhampur...	0.28	0.13	...	...	0.11	...	...	...	...	...	2.10	0.25	...	...	...	0.34	...	...	...	...	0.87
	Parlakimedi	0.03	0.22	...	...	...	...	...	...	...	0.97	0.78	0.13	...	...	...	...	...	...	0.27	...	0.26
	Kudala	...	0.25	0.63	4.05	...	1.02	...	0.74	...	0.05	...	2.50	0.10	...	...	0.13	0.15	...	0.14	0.10	0.09
	Daringabadi	0.38	0.19	...	...	...	...	...	0.11	0.45	...	2.13	1.42	0.15	...	...	0.54	0.77	0.08	0.07	0.16	...
	Balliguda	...	0.16	0.13	0.20	0.10	...	0.05	0.24	0.20	0.17	...	1.30	4.25	0.16	0.15	3.95	2.53	0.40	0.96	...	0.27	
	G. Udayagiri	0.20	0.37	0.06	...	...	...	...	1.00	1.27	...	4.40	2.00	0.20	...	...	1.85	0.88	0.52	0.85	0.62	0.47
	R. Udayagiri
	Passora	...	0.70	0.50	0.80	0.16	...	1.10	0.11	1.50	0.18	...	2.85	0.78	1.35	...	0.60	2.18	0.48	1.43	1.47	...	
	Mohana	...	0.81	...	1.83	...	1.69	0.19	0.10	0.71	0.90	0.85	1.08	0.91	...	...	0.97	0.05	...	0.05	0.08	...
	Phiringla	...	1.22	0.35	0.03	...	...	0.22	...	...	1.32	1.19	1.96	...	0.19	0.09	1.68	1.89	0.74	0.02	0.08	0.16
	Khejuripara	0.03	0.57	...	0.03	0.07	0.12	1.00	1.44	0.17	0.31	1.60	0.79	0.30	0.05	1.35	0.60	0.06	2.10	1.10	...	...
	Phulbani	...	0.27	1.28	0.01	0.13	...	...	1.76	...	0.40	1.39	1.39	1.27	0.25	...	1.41	0.77	0.25	0.03	0.06	0.11
	Palandapara	0.30	0.35	0.20	0.30	...	...	...	...	...	0.05	0.18	0.40	2.67	0.02	0.10	1.55	2.03	2.91	0.17	0.02	0.10
Gumma	...	...	...	...	...	...	1.00	0.85	0.30	...	...	...	...	...	...	...	...	...	...	...	1.73	
Koraput	Pottanghi	...	0.35	...	...	...	...	...	...	...	...	1.42	0.51	0.42	0.15	...	0.13	0.11	...	0.25	0.56	
	Koraput	...	0.58	0.12	0.30	0.07	...	...	0.10	...	0.05	0.89	3.75	0.73	0.33	0.18	0.06	0.48	0.33	0.06	0.28	2.12
	Jeypore	...	0.85	0.23	0.28	0.10	0.23	0.51	1.52	...	0.74	0.26	1.10	1.09	0.71	0.10	0.06	0.32	0.85	0.07	0.47	2.31	
	Nowrangapur	...	0.45	0.32	0.71	...	...	...	...	0.57	0.05	1.11	0.87	0.07	0.52	0.62	0.42	0.75	0.06	0.52	3.20	...
	Malkangiri	...	0.16	0.71	1.48	0.12	1.40	...	0.51	0.32	2.29	...	4.28	1.88	0.23	0.62	0.62	0.86	1.61	0.40	1.56	2.19	
	Rayaghada...	0.07	...	...	...	0.41	0.02	0.33	...	0.98	0.02	1.56	0.28	0.01	0.05	0.12	...	...	0.06	0.82	0.77	...
	Gunupur	...	...	1.03	0.17	...	0.18	1.21	0.08	...	...	1.06	0.32	0.18	...	...	...	...	...	...	...	2.08
	Bisserokatak	0.84	0.10	2.08	...	...	...	0.22	...	1.56	0.36	1.12	...	0.20	0.52	0.14	0.48	...	0.35	1.00	2.45	...
	Padwa	...	0.69	0.81	1.67	...	...	...	0.11	...	0.26	1.22	0.51	0.26	0.43	0.08	0.95	0.72	0.40	...	...	1.26

FOR THE MONTH OF JULY 1937—concl'd.

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Normal number of rainy days.	Total rainfall for the month.	Normal rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from the 1st June 1937 to 31st July 1937.	Normal rainfall from the 1st June to 31st July.	Station.	District.	
											(0.1" and over.)									
0.23	...	0.51	2.27	0.19	0.05	...	10	14.5	10.10	0.01	2.28	18.78	17.50	Russellkonda	Gaujam.	
...	0.17	...	1.72	...	...	...	...	...	...	...	14	12.0	12.93	9.30	5.31	18.32	16.92	Surada
0.45	...	0.82	1.30	...	...	...	...	...	...	...	13	12.5	11.53	8.01	1.86	16.08	15.51	Aska
...	0.58	0.49	1.49	0.07	...	...	...	...	...	...	13	10.9	8.63	8.28	3.07	12.20	14.71	Purushottapur.
...	0.55	0.45	2.00	0.50	...	...	...	...	...	...	10	8.9	8.00	7.23	2.00	11.24	13.05	Rambha
0.01	0.22	0.56	1.24	0.02	...	0.12	...	0.02	...	...	12	9.7	9.04	6.04	4.52	13.05	12.23	Chatrapur
0.25	...	0.58	...	1.10	...	0.40	...	...	...	...	10	9.6	7.62	6.68	3.44	10.75	12.70	Gopalpur (Observatory).
...	...	0.40	0.90	...	...	0.10	...	...	...	...	10	10.3	5.48	7.26	2.10	8.68	13.34	Berhampur
2.08	0.12	0.03	0.22	...	...	0.36	...	0.13	...	...	11	12.3	5.57	8.36	2.08	8.11	14.76	Parlakimed...
1.22	...	0.99	1.67	0.29	...	...	...	...	...	...	15	?	14.31	?	4.05	17.01	?	Kudala
1.29	0.42	0.11	1.64	0.10	...	...	...	0.18	0.29	...	17	15.7	16.55	11.86	2.13	18.04	20.65	Daringabadi
0.30	1.36	0.70	2.44	0.81	...	...	...	0.50	1.50	0.30	23	18.0	22.26	14.95	4.25	31.01	24.76	Balliguda
0.85	...	...	2.15	0.10	...	...	...	0.38	0.25	0.05	18	14.8	18.57	11.34	4.40	27.59	19.90	G. Udayagiri
*	*	*	*	*	*	*	*	*	*	*	*	*	15.3	*	10.91	*	?	20.15		R. Udayagiri
0.20	...	0.24	2.89	0.15	0.09	...	...	0.10	0.30	...	22	?	20.16	?	2.89	32.97	?	Passora
0.17	0	0.07	1.30	0.06	...	...	...	...	...	0.06	14	?	13.62	?	1.18	17.63	?	Mohana
0.23	0.91	0.72	4.32	0.41	...	...	...	0.84	0.93	0.08	18	?	19.67	?	4.32	28.13	?	Phiringia
0.03	0.31	0.80	4.75	0.05	0.03	...	0.07	0.32	0.28	0.08	18	?	18.74	?	4.75	20.52	?	Khejuripara		
...	0.10	0.40	4.21	0.06	...	...	0.11	0.44	0.53	0.15	20	16.9	16.78	13.48	4.21	29.51	22.83	Phulbani
0.55	0.40	1.38	6.40	0.68	0.19	...	0.16	2.40	2.82	0.60	23	18.8	20.93	19.39	6.40	40.77	32.55	Balandapara		
...	...	2.50	0.75	...	...	0.44	...	...	0.15	...	8	13.4	7.72	11.26	2.30	13.15	19.45	Gumma
0.49	1.15	0.77	0.55	...	0.20	...	0.32	0.42	0.17	0.43	18	17.7	8.39	11.90	1.42	10.66	20.24	Pottanghi		
0.72	0.92	2.40	2.73	1.63	0.28	0.58	0.05	0.32	0.91	0.33	23	20.3	21.30	15.69	3.75	27.10	24.22	Koraput		
1.85	1.33	1.20	1.41	1.29	0.10	0.70	0.45	0.17	1.13	0.11	28	21.1	21.54	19.81	2.31	27.69	36.18	Jeypore		
3.28	0.50	0.68	0.72	0.63	0.10	0.24	0.23	...	0.34	0.71	22	19.9	17.32	17.88	3.28	20.39	26.76	Nowrangapur		
0.38	3.20	0.49	0.16	0.17	0.99	0.39	0.11	0.34	0.49	0.14	20	20.3	28.10	18.63	4.28	33.01	28.01	Malkangiri		
1.93	0.06	...	0.28	0.01	...	0.16	0.18	...	0.07	...	12	14.2	8.18	9.43	1.93	15.09	16.70	Rayaglada...		
0.03	1.16	...	0.52	...	...	0.31	0.04	...	0.06	0.16	12	15.0	8.57	9.49	2.08	12.85	16.71	Gunupur
0.42	1.54	0.12	0.90	...	0.40	...	0.10	0.30	0.30	0.43	23	15.9	16.63	11.12	2.45	26.15	18.92	Bissenkatak		
0.96	1.01	0.55	0.40	0.73	0.45	0.46	0.08	0.32	0.82	0.20	23	18.4	15.33	12.06	1.67	21.95	19.95	Padwa		

Koraput.

TABLE II.

DISTRICT RAINFALL TABLE OF THE PROVINCE OF ORISSA FOR THE MONTH OF JULY 1937.

District.	Of month.					Since 1st June 1937.				
	Mean of district.	Normal mean.	Variation from mean.	Mean number of rainy days.	Normal mean number of rainy days.	Mean of district.	Normal mean.	Variation.	Mean number of rainy days.	Normal mean number of rainy days.
1	2	3	4	5	6	7	8	9	10	11
Cuttack ...	19.37	12.18	+7.19	17.2	14.6	27.86	21.90	+5.96	26.5	26.5
Balasore ...	11.81	11.07	+0.74	14.2	14.0	22.40	20.49	+1.91	25.6	25.8
Puri ...	18.46	11.52	+6.94	15.0	13.2	24.96	20.46	+4.50	23.3	23.4
Sambalpur ...	21.15	15.52	+5.63	19.5	16.4	32.13	25.33	+7.80	28.0	27.1
Ganjam ...	12.13	10.34	+1.79	14.5	13.2	18.49	18.06	+0.43	22.8	22.8
Koraput ...	16.08	13.99	+2.09	21.1	18.1	21.78	22.41	-0.63	30.7	29.5

TABLE III.

The following table gives the summary of the rainfall data of the Province of Orissa for the month of July 1937.

Rainfall of month.			Rainy days.			Since 1st June 1937.	
Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
1	2	3	4	5	6	7	8
16.00	11.98	+4.07	16.5	14.6	+1.9	23.85	20.83

TABLE IV.

The following table compares the rainfall in Orissa during the month of July 1937 with the normal fall, the actual being given as a percentage of the normal. The table also shows the actual falls for each of the previous months of the year expressed in the same way, and the last column of the table shows the total rainfall of the past seven months of the year 1937.

January.	February.	March.	April.	May.	June.	July.	Actual rainfall of the first seven months of 1937 expressed as a percentage of the normal fall for the period.
1	2	3	4	5	6	7	8
0	398	120	161	96	88	134	123

TABLE V.

Percentage table for July 1937.

District.	Normal district rainfall for July.	Actual district rainfall for July 1937.	Percentage of actual to normal rainfall.	Percentage excess (+) deficit (-).
1	2	3	4	5
Cuttack	12.18	19.37	159	+59
Balasore	11.07	11.81	107	+7
Puri	11.52	18.46	160	+60
Sambalpur	15.52	21.15	136	+96
Ganjam	10.34	12.13	117	+17
Koraput	13.99	16.08	115	+15

SUMMARY OF RAINFALL OBSERVATIONS TAKEN IN ORISSA DURING THE MONTH OF JULY 1937.

During the month under report rain fell in all the districts of the Province. The fall was above the normal everywhere. On an average, the Province received 16.00 inches of rain. The departure from the normal was +4.07 inches. Expressed in percentage the fall was 134 per cent of the normal.

The rainfall in June and July was 23.85 inches, which was 15 per cent higher than the normal.

The total rainfall from January to July was 123 per cent of the normal.

PURI: }
The 13th August 1937.

S. N. MOZUMDAR,
Director of Development, Orissa.

DEPARTMENT OF DEVELOPMENT, ORISSA.

FIRST FORECAST OF THE SESAMUM (TIL) CROP OF
ORISSA, 1937.

(Note.—On an average of the five years ending 1935-36 the area under sesamum in the territory to which this forecast relates represents about 1.7 per cent. of the total area under this crop in India.)

This forecast deals with the preliminary estimates of the area sown with the sesamum crop and is based on reports received from the District Officers before the occurrence of the recent floods in the districts of Cuttack and Puri. It is cultivated throughout the province. The weather conditions have been favourable in all the districts of the province.

Area sown.—The area sown is 38,991 acres against 42,967 acres (revised) in the corresponding period of the last year. As sowing still continues, estimate of the total area sown will be furnished in the Second Forecast in October. The condition of the crop is fair in all districts except in the Ghumsur taluk of the Ganjam district, where it is reported to be poor. The decrease in area is most marked in the Ganjam district, which is due to the abandonment of cultivation of the crop in the Surada, Kudala and Berhampur taluks and to want of timely rain in the Ghumsur taluk.

Outturn.—It is yet too early to make a fair estimate of outturn. The District Officers' figures would show an outturn of 82 per cent. of the normal against 75 per cent. for the corresponding period of last year. But the conditions so far have been favourable and there is no reason to believe that the outturn will not be normal, except in the Ganjam district.

PURI: } S. N. MOZUMDAR,
The 13th August 1937. } Director of Development, Orissa.

FIRST FORECAST OF THE SESAMUM (TIL) CROP OF
ORISSA, 1937.

First Forecast of the Sesamum (Til) Crop of Orissa, 1937.

District.	Total area of the district.	Total area estimated to be under cultivation.	Approximate normal area under the crop.	Approximate area sown last year (1936).	Estimated area sown this year (1937) at time of reporting.	Taking 100 to represent the normal outturn, how much represented the outturn last year (1936).	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1937).	Figures from the cadastral survey.			Date at which the sowing year.	Remarks by District Officers.
								Total area of the district which has been cadastrally surveyed.	Years during which the cadastral survey took place.	Area found under the crop during the cadastral survey.		
1	2	3	4	5	6	7	8	9	10	11	12	13
Cuttack ...	Acres. 2,915,756	Acres. 1,305,800	Acres. 29,800	Acres. 7,040*	Acres. 7,240	Acres. 83	Acres. 83	Acres. 2,029,223	{ 1922-31 1925-28 }	Acres. 16,947	1st week of June.	Weather and rainfall were favourable. The condition of the crop is fair. The date of sowing was normal. The crop of this year is expected to be the same as that of last year. Increase in area is due to more favourable weather in Angul at the time of sowing.
Balasore ...	1,331,400	982,500	600	300	925	57	71	1,330,560	1924-25	578	June ..	Weather has been favourable. The condition of the crop is good. The date of sowing was normal. The crop is expected to be better than that of last year. The decrease in area is due to the abandonment of cultivation in Bhatrak subdivision. There is no demand for the oil-seed in the locality.

Puri	1,589,560	778,140	992	1,028	1,160	75	83	1,400,894	1923-25	1,405	June	The weather and rainfall have been favourable. The condition of the crop is good. The date of sowing was normal. The crop is expected to be better than that of last year. The increase in area is due to favourable weather.
Sambalpur ...	3,414,891	1,158,921	94,954	13,125	13,335	85	100	2,588,983	1929-32	60,635	Last week of June and July.	Weather and rainfall have been favourable. The condition of the crop is reported to be good. The date of sowing was normal. The increase in area is due to seasonable rain.
Gaujam ...	4,354,697	15,444	5,834	9,898	5,105	67	67	4,354,537	1908-15	Not available.	April to July.	Weather and rainfall have been favourable. The condition of crop is fair in all taluks except Ghumsur where it is poor. The date of sowing was normal in all taluks except Ghumsur where it was late. The decrease is due to the abandonment of cultivation in Surada, Kudaka and Berhampur taluks and to want of timely rains in Ghumsur taluk.
Koraput ...	6,392,631	1,280,101	11,635	11,535*	11,435	67	67	Unsurveyed	...	...	...	Weather and rainfall have been favourable. The condition of the crop is fair. The date of sowing was normal.
Total ...	20,011,675	5,670,906	143,115	42,967*	38,991	75	82	...	...	...	...

* Revised.

Statement showing the seizures and deaths of epidemic diseases in the province of Orissa for the week ending the 28th August 1937.

Districts excluding towns.	Cholera.		Smallpox.		Plague.		Influenza.		Remarks.
	Attacks.	Deaths.	Attacks.	Deaths.	Attacks.	Deaths.	Attacks.	Deaths.	
1	2	3	4	5	6	7	8	9	10
Cuttack ...	4	2	20	2	...	...	...	...
Sambalpur ...	...	...	...	...	...	...	...	...
Balasore ...	46	30	2	...	...	...	...	...
Puri ...	...	...	1	...	...	...	...	...
Ganjam Plains ...	...	...	15	3	...	...	...	...
Ganjam Agency ...	...	...	12	1	...	...	...	...
Khondmals ...	...	...	12	1	...	...	...	...
Koraput ...	...	...	...	...	...	...	...	...
Total ...	50	32	62	7	...	...	...	...
In towns having a population over 50,000—									
Cuttack ...	...	...	...	...	...	...	...	...
In other affected towns—									
Total of all towns ...	...	...	...	...	...	...	...	...

CUTTACK:
The 9th September 1937. }

G. VERGHESE, LT.-COL., I.M.S.,
Director of Health and Prisons Services, Orissa.

Statement showing births and deaths from principal diseases in towns, with a population of 30,000 and over, in the province of Orissa for the week ending the 28th August 1937.

Name of town.	Population.	Births.	Birth rate (annual).	Cholera.	Smallpox.	Plague.	Fever.	Dysentery and diarrhoea.	Respiratory dis-cases.	Other causes.	Total deaths.	Death rate (annual)
1	2	3	4	5	6	7	8	9	10	11	12	13
Berhampur	37,750	33	45.6	...	...	...	5	5	4	5	19	26.2
Cuttack ...	65,263	24	19.2	3	...	...	13	7	6	9	38	30.4
Puri ...	37,568	14	19.4	...	...	...	6	8	1	4	19	26.4
Total ...	140,581	71	26.3	3	...	...	24	20	11	18	76	28.2

CUTTACK:

The 10th September 1937.)

G. VERGHESE, LT.-COL., I.M.S.,

Director of Health and Prisons Services, Orissa.

Weather and Crop Report of Orissa for the week ending the 13th September 1937.

Sl. no.	Name of districts and subdivisional headquarters.	Rainfall (subdivisional figures are for the week ending Saturday only).	Price of common rice in seers (of 80 tolas each) per rupee.		Character of the weather, state and prospects of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
1	CUTTACK ..	2.36	11 13/16	11 13/16	Weather cloudy. Harvesting of <i>biali</i> paddy and <i>mandua</i> continues. <i>Saradh</i> paddy and sugarcane thriving. <i>Til</i> and cotton in flower and pod. Vegetables doing well. In flooded area, re-transplantation of <i>saradh</i> paddy continues at places. Fodder available.
2	JAJPUR ..	4.49	14 7/16	14 7/16	
3	KENDRAPARA ..	5.42	14 7/16	14 7/16	
4	ANGUL ..	3.72	16½	16½	
5	BALASORE ..	5.36	14	14	Weather favourable for jute crop. Height of plants about 5½ feet. Harvesting continues. Paddy thriving; weeding and transplantation still continue. Harvesting of <i>biali</i> paddy has commenced at places. Sugarcane thriving. Vegetables doing well. Fodder sufficient. Cattle disease reported in the Sadr subdivision. Height of jute plants 6'-2" in the Bhadrak subdivision. Harvesting in progress in the Sadr subdivision.
6	BHADRAK ..	4.68	17	17	
7	FURI ..	3.23	13½	13½	Weather seasonable. In protected areas, <i>biali</i> paddy, maize, <i>mandua</i> and <i>til</i> being harvested. <i>Arhar</i> , sugarcane, cotton and jute thriving. Weeding and transplantation of <i>saradh</i> paddy continue. According to a rough estimate, crops in about one-fourth of the total cropped area have been damaged by the recent flood. Re-transplantation of <i>saradh</i> paddy continues at places in the flooded area. Fodder sufficient except in the flooded areas. Cattle disease reported from Banpur and Bolgarh police-stations.
8	KEURDA ..	9.22	14 7/16	14 7/16	

Weather and Crop Report of Orissa for the week ending the 13th September 1937.

Sl. no.	Name of districts and subdivisional headquarters.	Rainfall (subdivisional figures are for the week ending Saturday only).	Price of common rice in seers (of 80 tolas each) per rupee.		Character of the weather, state and prospects of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
9	SAMBALPUR..	1.46	18	18	Weather cloudy. Condition of standing crops good. Weeding of <i>saradh</i> paddy continues. Cattle disease reported from Bijepur, Sohella and Dhama police-stations.
10	BARGARH ..	4.11	18½	18½	
11	NAWAPARA ..	3.96	15	15	
12	CHATRAPUR..	1.46	9 8/13	9 8/13	Condition of paddy, sugarcane, vegetables and ragi fair. Harvesting of gingelly completed in Ghumsur Division. Pasture available. Fodder sufficient.
13	BERHAMPUR ..	Nil	11½	11½	
14	RUSSELLKONDA ..	0.44	10	10	
15	PHULBANI ..	2.08	15	15	

Weather and Crop Report of Orissa for the week ending the 13th September 1937.

Sl. no.	Name of districts and subdivisional headquarters.	Rainfall (subdivisional figures are for the week ending Saturday only).	Price of common rice in seers (of 80 tolas each) per rupee.		Character of the weather, state and prospects of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
16	KORAPUT ...	2.74	Not reported.	13	Weather seasonable. Paddy, sugarcane, <i>ragi</i> , and groundnut thriving. Fodder available.
17	NOWRANGAPUR	2.37	18	18	
18	RAYAGHADA	1.73	10	10	

Note.—Prices in North Orissa refer to boiled rice and in South Orissa to raw rice.

GENERAL SUMMARY.—During the week under report rain fell in all the districts of the province. The fall was heavy at Kendrapara, Balasore and Khurda. In district Puri, it is roughly estimated that crops in about one-fourth of the total cropped area have been damaged by the recent flood. Re-transplantation of *saradh* paddy continues in the flood-affected areas of the Cuttack and Puri districts. The weeding and transplantation of *saradh* paddy are still proceeding at places in the Balasore, Puri and Sambalpur districts. *Biali* paddy is being harvested in the Cuttack, Balasore and Puri districts, *mandua* in the Cuttack and Puri districts and maize in the Puri district. *Til* and cotton are in flower and pod in the Cuttack district and the harvesting of the former has commenced in the Puri district. The harvesting of jute is in progress in district Cuttack and in the Sadr subdivision of district Balasore. The condition of *arhar*, sugarcane, vegetables and groundnut is good. Fodder is reported to be sufficient everywhere except the flooded areas of district Puri. The average price of local common rice was stationary at 13.22 and 12.45 seers a rupee respectively in North and South Orissa. The figures for North South Orissa for the corresponding period of last year are respectively 14.04 and 11.29 seers. Cattle disease is reported from Balasore, Puri and Sambalpur districts.

PURI:

The 14th September 1937.

S. N. MOZUMDAR,

Director of Development, Orissa.