

# National Meteorological Institute

*Annual Weather Report - Year 24*

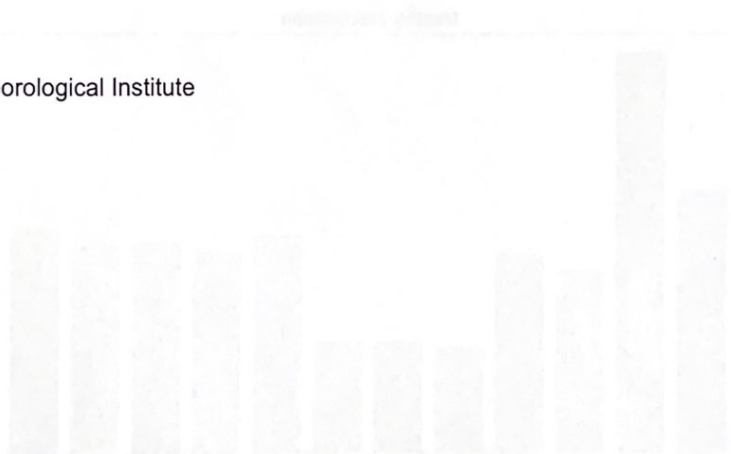
Dear Sir/Madam,

We are pleased to present the annual meteorological report for Year 1, summarizing the weather conditions observed over the past year. This report provides a comprehensive overview of daily temperature variations, precipitation levels, and general weather trends. The data is crucial for understanding climatic patterns and supporting agricultural, infrastructure, and environmental planning.

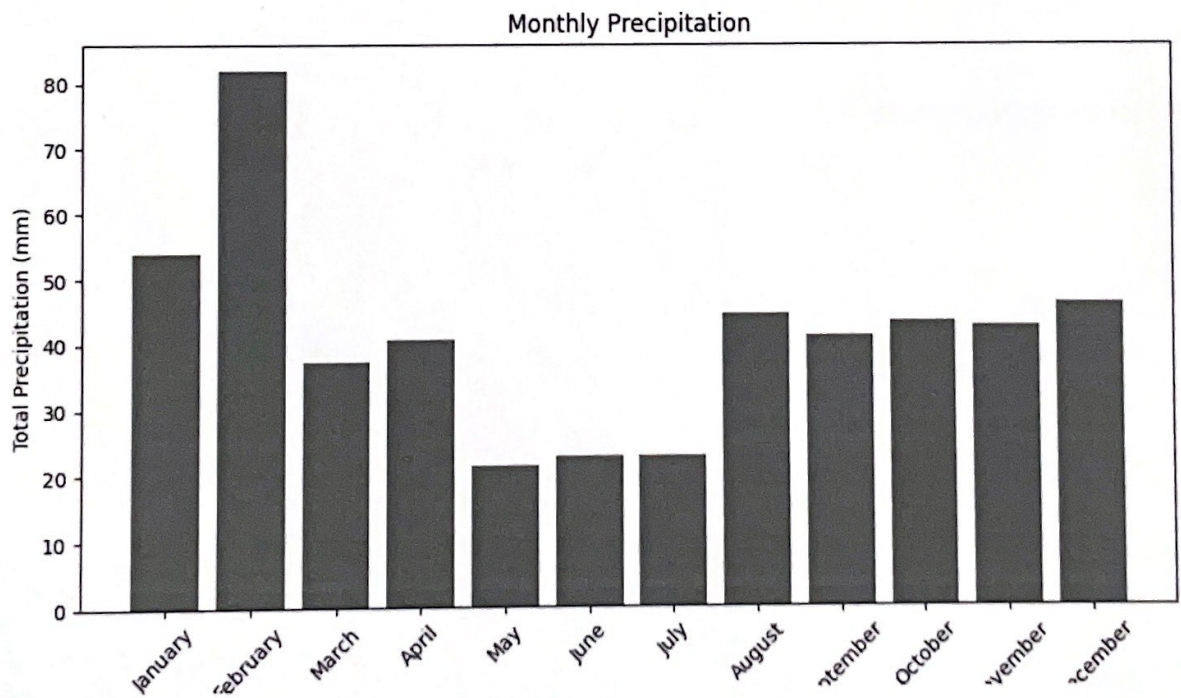
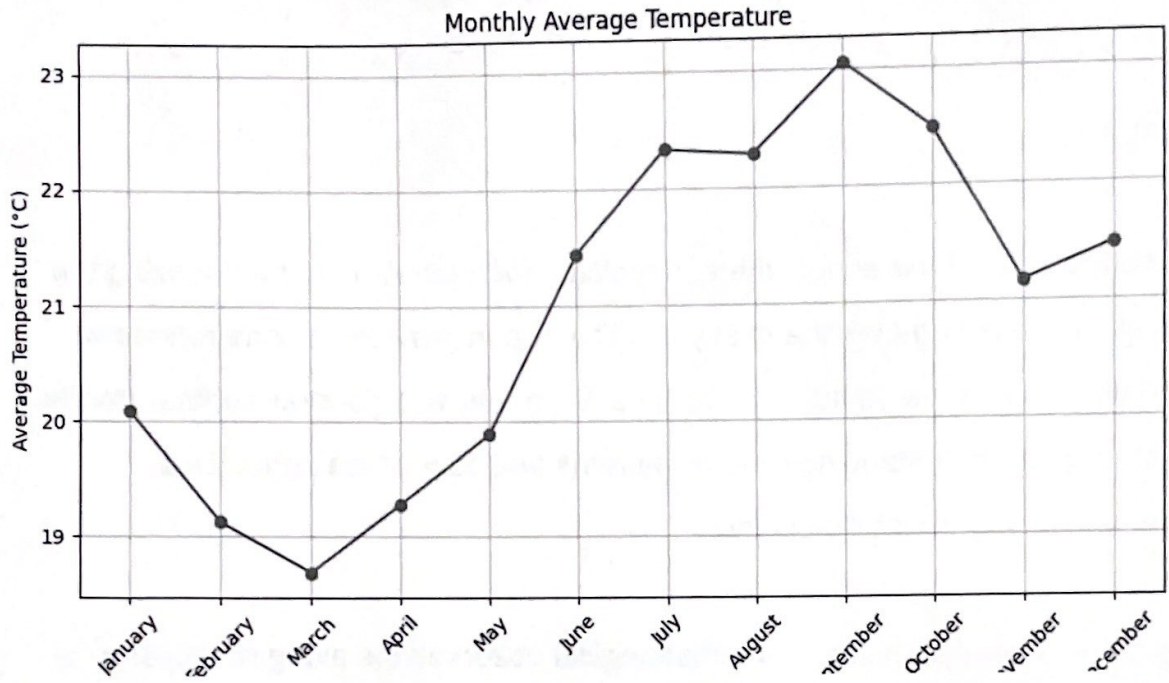
Below, we provide a detailed record of meteorological observations along with graphical representations of key weather patterns.

Sincerely,

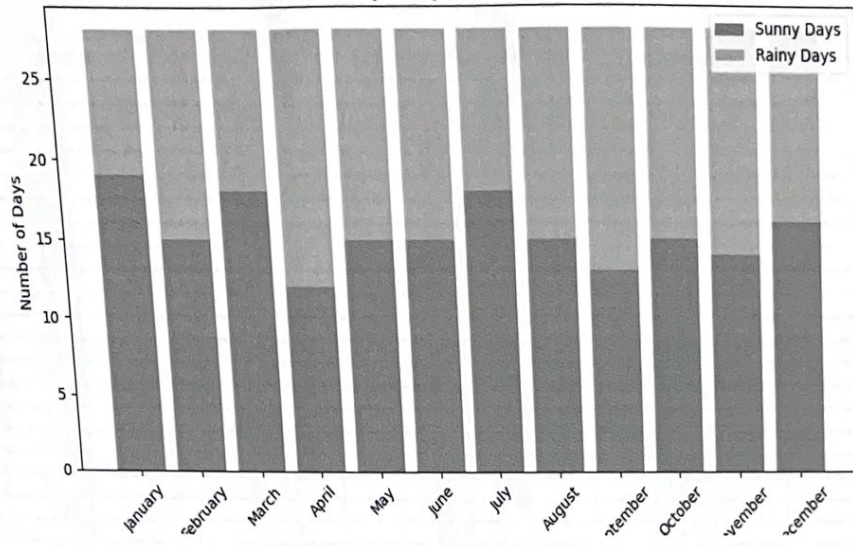
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## Visual Analysis



Monthly Sunny and Rainy Days





# Appendix: Daily Weather Observations

Weather	Temperature (°C)	Precipitation (mm)	Day	Month
		0.00	1	1
	19.13	0.00	2	1
sunny	19.40	0.00	3	1
sunny	18.72	0.00	4	1
sunny	22.23	0.00	5	1
sunny	20.31	6.23	6	1
rain	19.22	6.43	7	1
rain	20.22	5.87	8	1
rain	19.87	0.00	9	1
sunny	21.14	5.35	10	1
rain	22.49	0.00	11	1
sunny	19.78	0.00	12	1
sunny	18.92	0.00	13	1
sunny	17.55	6.18	14	1
rain	17.65	6.09	15	1
rain	20.83	0.00	16	1
sunny	21.16	0.00	17	1
sunny	22.02	0.00	18	1
sunny	18.92	0.00	19	1
sunny	19.97	0.00	20	1
sunny	19.11	0.00	21	1
sunny	23.14	0.00	22	1
rain	19.91	6.03	23	1
rain	21.66	5.55	24	1
sunny	19.89	0.00	25	1
sunny	21.94	0.00	26	1
sunny	18.97	0.00	27	1
rain	19.61	6.05	28	1
sunny	18.73	0.00	29	2
sunny	19.19	0.00	30	2
sunny	18.51	0.00	31	2
sunny	17.52	0.00	32	2
rain	18.35	5.96	33	2
sunny	20.29	0.00	34	2
sunny	19.15	0.00	35	2
rain	20.24	6.44	36	2
sunny	17.85	0.00	37	2
rain	17.37	7.28	38	2
sunny	18.61	0.00	39	2
rain	20.19	6.09	40	2
sunny	16.53	0.00	41	2
sunny	18.67	0.00	42	2
sunny	20.12	0.00	43	2
rain	18.04	6.26	44	2
sunny	18.88	0.00	45	2
sunny	19.72	0.00	46	2
sunny	19.83	0.00	47	2
sunny	22.43	0.00	48	2
rain	20.86	6.05	49	2
rain	18.51	6.27	50	2
rain	17.91	6.13	51	2
rain	18.13	6.25	52	2
rain	20.04	6.44	53	2
rain	18.93	6.48	54	2
sunny	19.32	0.00	55	2
rain	19.32	6.63	56	2
rain	21.02	5.59	57	3
rain	18.63	4.30	58	3
rain	20.32	3.59	59	3
sunny	17.39	0.00	60	3
sunny	18.02	0.00	61	3
rain	19.15	2.94	62	3
rain	18.32	3.19	63	3
sunny	16.79	0.00	64	3
sunny	20.21	0.00	65	3
sunny	17.20	0.00	66	3
sunny	17.94	0.00	67	3
rain	19.16	4.09	68	3
rain	16.87	3.12	69	3
rain	18.23	3.70	70	3
sunny	18.17	0.00	71	3
rain	17.86	4.20		

sunny					
sunny	20.01				
rain	19.09	0.00			
sunny	18.29	0.00	72		3
sunny	18.30	3.62	73		3
sunny	20.36	0.00	74		3
sunny	20.50	0.00	75		3
sunny	20.10	0.00	76		3
sunny	18.79	0.00	77		3
sunny	18.62	0.00	78		3
sunny	18.34	0.00	79		3
sunny	17.54	0.00	80		3
rain	19.42	0.00	81		3
sunny	19.62	0.00	82		3
rain	17.95	4.23	83		3
sunny	18.53	0.00	84		3
rain	21.82	3.09	85		4
rain	21.26	0.00	86		4
sunny	16.12	1.02	87		4
rain	17.82	2.54	88		4
rain	17.17	0.00	89		4
rain	18.57	2.56	90		4
rain	19.90	2.93	91		4
rain	20.23	2.82	92		4
sunny	19.57	2.10	93		4
rain	20.06	0.00	94		4
sunny	19.48	2.76	95		4
rain	17.54	0.00	96		4
rain	17.73	2.24	97		4
sunny	18.01	2.93	98		4
rain	18.67	0.00	99		4
sunny	20.94	2.46	100		4
sunny	21.41	0.00	101		4
rain	19.41	0.00	102		4
sunny	19.83	2.52	103		4
rain	19.33	0.00	104		4
rain	19.54	2.71	105		4
rain	21.28	3.25	106		4
sunny	20.30	2.47	107		4
sunny	20.20	0.00	108		4
rain	17.10	0.00	109		4
sunny	20.13	2.10	110		4
rain	21.34	0.00	111		4
rain	19.82	1.75	112		4
sunny	22.04	1.10	113		5
sunny	19.69	0.00	114		5
sunny	16.19	0.00	115		5
sunny	20.31	0.00	116		5
sunny	18.58	0.00	117		5
sunny	21.52	0.00	118		5
rain	20.34	0.00	119		5
rain	20.94	1.47	120		5
sunny	19.08	1.92	121		5
sunny	20.42	0.00	122		5
sunny	19.46	0.00	123		5
rain	20.70	0.00	124		5
rain	19.03	2.26	125		5
rain	20.42	1.71	126		5
rain	18.15	1.25	127		5
rain	20.44	1.64	128		5
rain	19.71	1.18	129		5
sunny	21.42	2.21	130		5
sunny	18.78	0.00	131		5
rain	16.84	0.00	132		5
rain	19.60	1.71	133		5
sunny	18.60	2.12	134		5
rain	19.11	0.00	135		5
sunny	22.52	0.97	136		5
sunny	20.71	0.00	137		5
sunny	21.15	0.00	138		5
rain	20.01	0.00	139		5
sunny	19.48	1.69	140		6
rain	21.23	0.00	141		6
sunny	22.06	1.26	142		6
sunny	23.20	0.00	143		6
sunny	22.10	0.00	144		6
sunny	22.99	0.00	145		6
sunny	20.73	0.00	146		6
sunny			147		6
sunny			148		6



rain	22.94	2.20	149	6
rain	19.89	1.66	150	6
sunny	24.81	0.00	151	6
sunny	21.43	0.00	152	6
rain	21.65	1.96	153	6
rain	20.72	1.72	154	6
sunny	18.76	0.00	155	6
sunny	19.68	0.00	156	6
rain	22.44	2.07	157	6
sunny	23.74	0.00	158	6
sunny	23.23	0.00	159	6
sunny	20.66	0.00	160	6
rain	21.93	1.97	161	6
rain	21.32	1.44	162	6
rain	19.96	1.80	163	6
rain	21.31	1.45	164	6
rain	21.87	2.06	165	6
sunny	20.54	0.00	166	6
sunny	21.89	0.00	167	6
rain	19.86	1.33	168	6
rain	20.90	2.08	169	7
sunny	22.43	0.00	170	7
rain	22.87	2.87	171	7
rain	23.35	1.84	172	7
rain	21.36	2.23	173	7
sunny	19.81	0.00	174	7
sunny	21.86	0.00	175	7
sunny	24.93	0.00	176	7
rain	21.75	2.04	177	7
sunny	23.84	0.00	178	7
sunny	22.30	0.00	179	7
rain	21.99	2.00	180	7
rain	22.27	2.71	181	7
sunny	25.09	0.00	182	7
sunny	24.12	0.00	183	7
sunny	22.55	0.00	184	7
sunny	20.80	0.00	185	7
sunny	21.63	0.00	186	7
sunny	22.52	0.00	187	7
sunny	22.31	0.00	188	7
rain	22.46	2.13	189	7
rain	22.81	1.72	190	7
sunny	21.84	0.00	191	7
sunny	21.97	0.00	192	7
sunny	20.81	0.00	193	7
rain	22.99	3.04	194	7
sunny	22.51	0.00	195	7
sunny	21.23	0.00	196	7
sunny	20.70	0.00	197	8
sunny	19.46	0.00	198	8
rain	22.67	4.02	199	8
rain	22.82	4.56	200	8
sunny	24.39	0.00	201	8
rain	24.67	3.57	202	8
sunny	21.82	0.00	203	8
rain	23.48	3.29	204	8
rain	20.84	2.66	205	8
sunny	20.69	0.00	206	8
sunny	21.69	0.00	207	8
sunny	23.75	0.00	208	8
rain	22.07	2.94	209	8
sunny	22.11	0.00	210	8
rain	22.48	3.10	211	8
sunny	20.14	0.00	212	8
rain	21.22	2.87	213	8
rain	22.74	3.95	214	8
sunny	23.28	0.00	215	8
rain	22.20	2.85	216	8
sunny	23.65	0.00	217	8
rain	21.66	2.93	218	8
sunny	22.21	0.00	219	8
sunny	21.73	0.00	220	8
sunny	21.00	0.00	221	8
sunny	24.61	0.00	222	8
rain	24.53	3.63	223	8
rain	21.44	3.84	224	8
rain	23.66	2.59	225	9

rain					
sunny	20.28				
sunny	22.60	2.91			
sunny	22.10	0.00	226	9	
rain	23.58	0.00	227	9	
rain	19.37	0.00	228	9	
rain	25.28	2.68	229	9	
sunny	22.20	3.23	230	9	
rain	22.12	2.61	231	9	
rain	21.44	0.00	232	9	
rain	20.35	3.86	233	9	
sunny	24.30	1.84	234	9	
rain	23.52	2.80	235	9	
rain	24.42	0.00	236	9	
rain	22.01	2.10	237	9	
rain	24.26	2.99	238	9	
sunny	25.55	3.20	239	9	
sunny	23.38	0.00	240	9	
sunny	25.28	0.00	241	9	
sunny	25.23	0.00	242	9	
rain	24.72	0.00	243	9	
sunny	21.89	2.60	244	9	
sunny	23.35	0.00	245	9	
rain	22.16	0.00	246	9	
sunny	21.95	2.14	247	9	
rain	23.58	0.00	248	9	
rain	23.22	2.71	249	9	
sunny	23.72	2.58	250	9	
rain	23.23	0.00	251	9	
rain	22.09	3.12	252	9	
rain	20.88	3.86	253	10	
sunny	24.96	3.48	254	10	
rain	21.93	0.00	255	10	
sunny	24.02	3.06	256	10	
rain	21.95	0.00	257	10	
sunny	21.59	3.01	258	10	
sunny	24.85	0.00	259	10	
sunny	21.89	0.00	260	10	
sunny	24.66	0.00	261	10	
sunny	23.08	0.00	262	10	
sunny	24.38	0.00	263	10	
rain	21.35	0.00	264	10	
sunny	22.77	4.51	265	10	
rain	23.13	0.00	266	10	
sunny	23.69	3.41	267	10	
sunny	19.45	0.00	268	10	
rain	20.05	0.00	269	10	
sunny	22.65	3.20	270	10	
rain	23.36	0.00	271	10	
sunny	22.01	3.62	272	10	
rain	20.34	0.00	273	10	
sunny	21.12	3.06	274	10	
rain	24.96	0.00	275	10	
rain	20.41	2.22	276	10	
sunny	20.54	2.58	277	10	
rain	24.41	0.00	278	10	
sunny	23.36	3.98	279	10	
sunny	22.75	0.00	280	10	
sunny	20.25	0.00	281	11	
rain	21.42	0.00	282	11	
sunny	22.04	2.45	283	11	
rain	22.67	0.00	284	11	
rain	19.74	2.96	285	11	
rain	21.70	3.91	286	11	
rain	21.87	2.75	287	11	
rain	19.83	2.52	288	11	
sunny	17.74	3.15	289	11	
rain	24.20	0.00	290	11	
rain	20.60	3.48	291	11	
rain	19.71	1.98	292	11	
rain	19.58	3.00	293	11	
rain	21.98	3.65	294	11	
sunny	22.82	3.17	295	11	
sunny	19.20	0.00	296	11	
rain	20.46	0.00	297	11	
sunny	21.83	2.76	298	11	
rain	21.31	0.00	299	11	
sunny	19.38	3.43	300	11	
		0.00	301	11	
			302	11	



sunny	22.22	0.00	303	11
sunny	20.71	0.00	304	11
sunny	23.09	0.00	305	11
rain	20.56	3.18	306	11
sunny	20.90	0.00	307	11
sunny	20.66	0.00	308	11
sunny	22.05	0.00	309	12
rain	18.97	3.98	310	12
sunny	21.21	0.00	311	12
rain	18.72	4.26	312	12
sunny	21.02	0.00	313	12
sunny	22.84	0.00	314	12
rain	22.20	3.98	315	12
sunny	21.59	0.00	316	12
sunny	20.22	0.00	317	12
sunny	22.81	0.00	318	12
rain	22.43	4.42	319	12
sunny	24.91	0.00	320	12
sunny	20.61	0.00	321	12
rain	21.15	3.92	322	12
rain	22.15	3.18	323	12
sunny	21.11	0.00	324	12
rain	19.58	3.59	325	12
rain	21.71	3.81	326	12
rain	19.28	3.21	327	12
rain	21.43	4.22	328	12
sunny	22.03	0.00	329	12
rain	22.86	3.84	330	12
sunny	20.93	0.00	331	12
sunny	21.36	0.00	332	12
sunny	24.19	0.00	333	12
rain	18.26	3.65	334	12
sunny	23.88	0.00	335	12
sunny	21.87	0.00	336	12