

## TABLE OF CONTENTS

[Number refers to page]

Introduction .....	3
Introducción .....	8

	Jan- uary	Feb- ruary	March	April	May	June	July	August	Sep- tember	Octo- ber	Nov- ember	De- cember
Meteorological Bulletin by Rev. Miguel Saderra Maso, S. J.:												
General weather notes....	11	57	89	119	153	185	215	251	293	329	369	411
Depressions and typhoons....	13	59	92	122	155	186	217	252	294	330	370	412
Meteorological notes....	23	61	93	125	157	189	221	259	299	337	375	417
Notas generales del tiempo.....	24	63	94	127	159	191	224	265	302	341	384	419
Depresiones y tifones....	24	63	94	127	159	191	224	265	302	341	384	419
Meteorological data for Manila.....	33	65	96	129	161	192	227	270	306	346	388	422
Meteorological data for Baguio.....	42	74	97	138	170	193	236	271	307	347	389	423
Daily rainfall at the sta- tions of the Weather Bureau.....	34	66	98	130	162	194	228	272	308	350	390	424
Maximum and minimum temperatures at the stations of the Weather Bureau.....	43	75	106	139	171	202	237	280	316	356	398	432

Appendix to Meteorological Bulletins for 1931.....	443
Annual summary of meteorological data for Manila.....	445

### MOST IMPORTANT TYPHOONS OF THE PHILIPPINES

A destructive typhoon over the Philippines: January 2-4, 1931.....	13
Un tifón destructor en Filipinas: 2 al 4 de enero, 1931.....	24
The typhoon of September 18-29, 1931.....	297
El tifón del 18 al 29 de septiembre, 1931.....	304
The Taurus typhoon: October 13-20, 1931.....	332
El tifón del Taurus: 13 al 20 de octubre, 1931.....	342
The typhoon of Visayas: December 3-8, 1931.....	413
El tifón de Visayas: 3 al 8 de diciembre, 1931.....	419

### LIST OF ILLUSTRATIONS

PLATE I. Approximate tracks of typhoons and depressions for January and February, 1931.....	60
PLATE II. Anemograph of Cebu, January 3, 1931.....	14
PLATE III. Approximate tracks of typhoons and depressions for March and April, 1931.....	123
PLATE IV. Approximate tracks of typhoons and depressions for May, June and July, 1931.....	219
PLATE I. Approximate tracks of typhoons and depressions for August, 1931.....	256
PLATE II. Naha Typhoon—Ermland.....	258
PLATE I. Approximate tracks of typhoons and depressions for September and October, 1931.....	335
PLATE I. Barogram of Catbalogan, December 5, 1931.....	413
PLATE II. Approximate tracks of typhoons and depressions for November and December, 1931.....	416