TABLE V.—*Observed and computed length of wire of large reel.*

Layer.	Turns of reel.	Total length by measuring disk.	Tabulated length.	Difference, obs. — table.	
		Feet.	*Feet.*	*Feet.*	
	31	151.5	151.4	+ 0.1	* Outside fractional layer.
....	331	1,614.7	1,614.0	+ 0.7	The extreme outside layers were not distinguishable in the observations.
13	481	2,342.3	2,342.0	+ 0.3	
12	631	3,067.7	3,067.8	— 0.1	
11	743	3,608.2	3,608.2	0.0	
10	931	4,512.6	4,513.0	— 0.4	
9	1,092	5,284.5	5,285.2	— 0.7	
8	1,244	6,011.0	6,011.8	— 0.8	
7	1,395	6,731.8	6,731.5	+ 0.3	
6	1,547	7,454.0	7,453.7	+ 0.3	
5	1,696	8,159.6	8,159.6	0.0	From the eighth layer, to and including the first the winding is in smooth layers.
4	1,831	8,797.8	8,797.2	+ 0.6	
3	2,011	9,647.0	9,644.8	+ 2.2	
2	2,170	10,394.7	10,390.9	+ 3.8	
1	2,331	11,146.6	11,144.1	+ 2.5	

[To be continued in May REVIEW.]

NOTES BY THE EDITOR.

MEXICAN CLIMATOLOGICAL DATA.

In order to extend the isobars and isotherms southward so that the students of weather, climate and storms in the United States may properly appreciate the influence of the conditions that prevail over Mexico the Editor has compiled the following table from the Boletina Mensual for March, 1896, as published by the Central Meteorological Observatory of Mexico. The data there given in metric measures have, of course, been converted into English measures. The barometeric means are as given by mercurial barometers under the influence of local gravity and therefore need reductions to standard gravity, depending upon both latitude and altitude; the influence of the latter is rather uncertain, but that of the former is well known. For the sake of conformity with the other data published in this REVIEW these corrections for local gravity have not been applied. The Editor regrets that the table for April, 1896, can not also appear in this number of the MONTHLY WEATHER REVIEW.

Mexican data for March, 1896.

Stations.	Altitude.	Mean barometer.	Mean temperature.	Relative humidity.	Precipitation.	Prevailing direction.	
						Wind.	Cloud.
	Feet.	*Inch.*	° *F.*	%	*Inch.*		
Aguascalientes	6,112.3	.....	.....	.....	.....	.....	.....
Campeche	40.4	.....	.....	.....	.....	.....	.....
Colima (Seminario)	.....	28.28	73.9	62	0.00	ssw.	w.
Colima	1,291.7	.....	76.3	.....	.....	.....	.....
Culiacan	112.2	.....	.....	.....	.....	.....	.....
Guadalajara (H. de B.)	5,141.2	.....	.....	.....	.....	.....	.....
Guadalajara (Obs. S. Est.)	5,188.0	.....	.....	.....	.....	.....	.....
Guanajuato	6,761.3	23.65	66.2	30	T.	sw.	sw.
Jalapa	4,757.3	25.53	64.8	60	2.69	nnw.	.....
Lagos (Liceo Guerra)	6,274.5	24.12	65.5	33	0.02	sw.	sw.
Leon	5,901.0	24.26	66.0	28	T.	sw.	w.
Mazatlan	24.6	29.94	72.9	77	T.	nw.	sw.
Merida	50.2	29.94	77.2	60	0.00	ese.	n.
Mexico (Obs. Cent.)	7,488.7	23.05	61.5	42	0.04	n.	sw.
Mexico (E. N. de S.)	7,480.5	23.03	61.7	49	0.04	nw.	.....
Morelia (Seminario)	6,401.0	23.94	62.2	44	T.	ssw.	w.
Oaxaca	5,164.4	25.05	70.7	52	1.45	w.	sw.
Pabellon	6,312.4	23.96	66.0	36	T.	sw.	sw.
Pachuca	7,956.3	22.61	58.1	60	0.13	nne.	.....
Progreso	.....	.....	.....	.....	.....	.....	.....
Puebla (Col. d'Est.)	7,118.2	.....	.....	.....	.....	.....	.....
Puebla (Col. Cat.)	7,112.0	23.32	63.7	45	0.20	.....	.....
Queretaro	6,069.7	24.16	64.2	39	0.03	e.	nw.
Real del Monte (E. de H.)	9,095.2	.....	.....	.....	.....	.....	.....
Saltillo (Col. S. Juan)	5,376.7	24.81	64.6	57	0.00	s.	sw.
San Luis Potosi	6,201.9	24.10	64.8	49	0.06	e.	w.
Silao	6,063.1	.....	.....	.....	.....	.....	.....
Tacambaro	.....	.....	.....	.....	.....	.....	.....
Tacubaya (Obs. Nac.)	7,620.2	22.94	60.1	44	0.06	nw.	.....
Tampico (Hos. Mil.)	.....	.....	.....	.....	.....	.....	.....
Tehuacan	5,152.8	.....	.....	.....	.....	.....	.....
Toluca	8,612.4	21.80	60.8	41	0.14	w.	wsw.
Trejo (Hac. Silao, Gto.)	.....	.....	.....	.....	.....	.....	.....
Trinidad (near Leon)	6,010.1	.....	.....	.....	.....	.....	.....
Veracruz	47.9	.....	.....	.....	.....	.....	.....
Zacatecas	8,015.2	22.52	60.4	34	0.00	sw.	s.
Zapotlan (Seminario)	5,124.8	25.04	68.5	.....	0.00	se.	sw.

METEOROLOGICAL TABLES.

By A. J. HENRY, Chief of Division of Records and Meteorological Data.

For text descriptive of these tables and charts see p. 16.