

## REPORT OF HON. JOHN B. ALLEY,

FROM THE COMMITTEE ON POST OFFICES AND POST ROADS OF THE HOUSE  
OF REPRESENTATIVES, THIRTY-SIXTH CONGRESS, FIRST SESSION.

June 4th, 1860.

*The committee on the Post Office and Post Roads, to whom was referred the petition of Carlos Butterfield and his associates, proposing the establishment of a line of mail steamers from New Orleans or Mobile to sundry ports on the Gulf of Mexico, have had the same under consideration, and respectfully report :*

That, in the opinion of your committee, postal communication with these several ports on the Gulf of Mexico, by the establishment of a line of mail steamers, such as proposed by the petitioners, with the encouragement of a fair compensation for mail service jointly with Mexico, will furnish to our own citizens, as well as to those of Mexico, such facilities of communication between the two countries as their necessities require and the progress of the age demand.

Our postal communication with all the ports of Mexico is chiefly obtained at present through foreign channels and by foreign means. Thus is our commercial intercourse with Mexico, to a great extent, made subsidiary to, and dependent upon, facilities furnished by other countries, to their immense advantage but our great detriment.

While your committee believe that no postal arrangement should be made with exclusive reference to commercial advantages, it may, nevertheless, be proper to consider, as an argument in its favor, the eminent service which will be rendered our commerce incident to the establishment of such a line of mail steamers, in connection with the fact that a considerable portion of the cost to the government will be returned to the treasury in the shape of

postages. The duties also which will probably arise upon increased imports in a short time will, without doubt, more than balance any deficiency in postal receipts.

Mexico, with a full appreciation of the immense advantages which will accrue to her government and citizens, has, with a liberality worthy of imitation by our government, granted to a citizen of the United States, as an inducement to establish a line of mail steamers to traverse the Gulf and touch at the several points named in the bill herewith reported, a subsidy of one hundred and twenty thousand dollars per annum for ten years. She very properly expects the co-operation of the United States in forwarding jointly with her this great enterprise.

The establishment of such ample postal facilities with eight Mexican and four American ports upon the Gulf cannot but increase our postal, commercial, and social intercourse, not only with those ports, all of which are important, but also with the contiguous countries, which in the end must result in promoting the interests of our commerce, our manufactures, and agriculture, to an almost incalculable extent. It will do what no other measure can accomplish, and that, too, at a very trifling expense. It is obvious that if there had existed in the past such postal arrangements as are now proposed, our political relations would have been very different with that country from what they have been or now are, and would have been undoubtedly of great reciprocal advantage.

If our postal communication with Mexico had been direct and frequent, many millions of dollars would have been saved to our government; our commerce with that country would have been preserved and extended, instead of being diminished, or, in fact, it would be more proper to say, comparatively annihilated.

Formerly our commerce with Mexico was over three times the amount it is now; and Great Britain, with a wisdom and foresight to discover and avail herself of every advantage thrown in her way, by adopting a more liberal policy than ourselves in establishing and encouraging mail communication by ocean steamers with government subsidies, has largely increased her trade and commerce in all those directions, while ours has been, on the

## TABLES

OF DISTANCES, IN MEXICAN LEAGUES, EACH LEAGUE BEING  $2\frac{636}{1000}$  MILES ENGLISH, COMPILED FROM OFFICIAL DATA.

## No. 1.—FROM THE CITY OF MEXICO TO QUERETARO.

Mexico.

7	Cuautitlan.				
18	11	Tula.			
31	24	13	Arroyozarco.		
43	36	25	12	S. Juan del Rio.	
57	50	39	26	14	Querétaro.

## No. 2.—FROM QUERETARO TO LEON.

Querétaro.

3	La Estancia.														
4½	1½	El Rayo.													
6	3	1½	La Calera.												
8½	5½	4	2½	Apaseo.											
11½	8½	7	5½	3	Celaya.										
17	14	12½	11	8½	5½	El Guage.									
23½	20½	19	17½	15	12	6½	Salamanca.								
25½	22½	21	19½	17	14	8½	2	Buenavista.							
28½	25½	24	22½	20	17	11½	5	3	Irapuato.						
32	29	27½	26	23½	20½	15	8	6½	3½	S. Antonio.					
34	31	29½	28	25½	22½	17	10½	8½	5½	2	S. Miguelito.				
37	34	32½	31	28½	25½	20	13½	11½	8½	5	3	Silao.			
41	38	36½	35	32½	29½	24	17½	15½	12½	9	7	4	Los Sauces.		
43½	40½	39	37½	35	32	26½	20	18	15	11½	9½	6½	2½	Los Magueyes.	
45	42	40½	39	36½	33	28	21½	19½	16½	13	11	8	4	1½	Leon.

contrary, constantly diminishing. In fact, England has monopolized almost the whole of the foreign trade of Mexico and Spanish America, her trade with those countries exceeding that of all other nations combined.

When we consider the rapid growth of our own country in wealth and population, our proximity to Mexico, and the abundant reasons for an extensive commerce with that nation, your committee cannot believe that it will be satisfactory to the American people to see any foreign power monopolize, to our national disadvantage, so large a portion of the trade and commerce, which properly and legitimately belong to ourselves, merely because we will not furnish the postal facilities necessary to its proper conduct and preservation.

If, in this connection, we permit ourselves to view the natural capabilities and resources of Mexico, we shall find that in no country has Providence done so much and man so little to cover the land with prosperity as in that republic.

With this country we have now no postal arrangement whatever. When the necessities of our government have required speedy communication either to carry a minister or send a despatch, special means of communication have been adopted at a cost much greater than that which this bill calls for.

Viewed, then, either in the light of a postal arrangement, a promoter of commerce, or a political necessity, the design of the memorialist commends itself most strongly to the favor of Congress.

Your committee, therefore, for these and many other less important reasons too numerous to mention in a report, recommend the passage of the accompanying bill.

On the last morning of the session a bill was unanimously reported by the committee on the post office and post roads of the Senate, similar to the above report of the House committee, recommending the passage of the bill, but it failed to reach a third reading before the adjournment, and was placed upon the calendar.

No. 3.—FROM LEON TO GUADALAJARA.

Leon.

4	Lagunilla.
10	6 Lagos.
13	9 3 S. Juanico.
17	13 7 4 Augua del Obispo.
23	19 13 10 6 S. Juan de los Lagos.
28	24 18 15 11 5 Jaloscotitlan.
30½	26½ 20½ 17½ 13½ 7½ 2½ La Caja.
35	31 25 22 18 12 7 4½ La Venta.
38½	34½ 28½ 25½ 21½ 15½ 10½ 8 3½ Pegueros.
42	38 32 29 25 19 14 11½ 7 3½ Tepatitlan.
45	41 35 32 28 22 17 14½ 10 6½ 3 Tierra Colorada.
52	48 42 39 35 29 24 21½ 17 13½ 10 7 Puente de Calderon.
54½	50½ 44½ 41½ 37½ 31½ 26½ 24 19½ 16 12½ 9½ 2½ Sapotlanejo.
57	53 47 44 40 34 29 26½ 22 18½ 15 12 5 2½ Puerta Grande.
62½	58½ 52½ 49½ 45½ 39½ 34½ 32 27½ 24 20½ 17½ 10½ 8 5½ Guadalajara.

No. 4.—FROM GUADALAJARA TO SAN BLAS.

Guadalajara.

5	Rancho de Mescal.
11	6 Hacienda de Huasca.
15	10 4 Amatatan.
20	15 9 5 Tequila.
30	25 19 15 10 Hacienda de la Magdalena.
40	35 29 25 20 10 Rio de Tepuequiti.
49	44 38 34 29 19 9 Hacienda del Portezuelo.
53	48 42 38 33 23 13 4 Barrancas.
62	57 51 47 42 32 22 13 9 Ixtlan.
66	61 55 51 46 36 26 17 13 4 Aguacatlan.
74	69 63 59 54 44 34 25 21 12 8 Tetitan.
80	75 69 65 60 50 40 31 27 18 14 6 Santa Isabel.
85	80 74 70 65 55 45 36 32 23 19 11 5 Zapotlan.
91	86 80 76 71 61 51 42 38 29 25 17 11 6 S. Leonel.
99	94 88 84 79 69 59 50 46 37 33 25 19 14 8 Tepic.
108	103 97 93 88 78 68 59 55 46 42 34 28 23 17 9 Guaristemba.
116	111 105 101 96 86 76 67 63 54 50 42 36 31 25 17 8 San Blas.

No. 5. FROM GUADALAJARA TO ROSARIO.

Guadalajara.

14	Amatitan.
25	11 Magdalena.
32	18 7 Mochitlte.
43	29 18 11 Ixtlan.
47	33 22 15 4 Aguacatlan.
51	37 26 19 8 4 Tetitlan.
63	49 38 31 20 16 12 S. Leonel.
71	57 46 39 28 24 20 8 Tepic.
81	67 56 49 38 34 30 18 10 Casta.
84	70 59 52 41 37 33 21 13 3 Santiago.
93	79 68 61 50 46 42 30 22 12 9 Posole.
99	85 74 67 56 52 48 36 28 18 15 6 Rosa Morada.
115	101 90 83 72 68 64 52 44 34 31 22 16 Acaponeta.
133	119 108 101 90 86 82 70 62 52 49 40 34 18 Escuinapa.
141	127 116 109 98 94 90 78 70 60 57 48 42 26 8 Rosario.

No. 6. FROM ROSARIO TO CULIACAN.

Rosario.

4	Potreriilo.
9	5 Agua Caliente de Pardos.
16	12 7 S. Sebastian.
24	20 15 8 Los Veranos.
28	24 19 12 4 La Noria.
34	30 25 18 10 6 Amole.
38	34 29 22 14 10 4 Los Brasiles.
43	39 34 27 19 15 9 5 Coyotitan.
47	43 38 31 23 19 13 9 4 Piastra.
52	48 43 36 28 24 18 14 9 5 Elota.
58	54 49 42 34 30 24 20 15 11 6 Piedra de Amolar.
63	59 54 47 39 35 29 25 20 16 11 5 Charco Hondo.
67	63 58 51 43 39 33 29 24 20 15 9 4 Vinapa.
72	68 63 56 48 44 38 34 29 25 20 14 9 5 Higueras de Abuya.
78	74 69 62 54 50 44 40 35 31 26 20 15 11 6 Tacuichamona.
83	79 74 67 59 55 49 45 40 36 31 25 20 16 11 5 S. Lorenzo.
88	84 79 72 64 60 54 50 45 41 36 30 25 21 16 10 5 Salado.
94	90 85 78 70 66 60 56 51 47 42 36 31 27 22 16 11 6 Carrizal.
102	98 93 86 78 74 68 64 59 55 50 44 39 35 30 24 19 14 8 Culiacan.

No. 7. FROM CULIACAN TO FUERTE.

Culiacán.

6	Paredones.											
13	7	Morita.										
18	12	5	Mescalitos.									
25	19	12	7	Palmas de Leira.								
29	23	16	11	4	Mocosito.							
35	29	22	17	10	6	La Ciénega.						
41	35	28	23	16	12	6	Mezquite.					
46	40	33	28	21	17	11	5	Sinaloa (villa).				
54	48	41	36	29	25	19	13	8	Ocoroni.			
60	54	47	42	35	31	25	19	14	6	Tasajera.		
67	61	54	49	42	38	32	26	21	13	7	Los Ojitos.	
76	70	63	58	51	47	41	35	30	22	16	9	Fuerte.

No. 8. FROM FUERTE TO RIVER COLORADO.

Fuerte.

8	Mezquite.																			
18	10	Jerocoa.																		
26	18	8	Alamos.																	
38	30	20	12	Cuscaré.																
63	55	45	37	25	Barroyeca.															
81	73	63	55	43	18	Buenavista.														
91	83	73	65	53	28	10	Camuri.													
106	98	88	80	68	43	25	15	S. Lorenzo.												
118	110	100	92	80	55	37	27	12	S. José Pimas.											
128	120	110	102	90	65	47	37	22	10	Sumate.										
138	130	120	112	100	75	57	47	32	20	10	Pitic ó Hermosillos.									
156	148	138	130	118	93	75	65	50	38	28	18	Chino.								
186	178	168	160	148	128	105	95	80	68	58	48	80	Alamito.							
208	200	190	182	170	145	127	117	102	90	80	70	52	22	Altar.						
248	240	230	222	210	185	167	157	142	130	120	110	92	62	40	Quitovaca.					
260	252	242	234	222	197	179	169	154	142	132	122	104	74	52	12	Zonoito.				
272	264	254	246	234	209	191	181	166	154	144	134	116	86	64	24	12	Salado.			
297	289	279	271	259	234	216	206	191	179	169	159	141	111	89	49	37	25	Tulé.		
307	299	289	281	269	244	226	216	201	189	179	169	151	121	99	59	47	35	10	Tinaja.	
347	339	329	321	309	284	266	256	241	229	219	209	191	161	139	99	87	75	50	40	River Colorado.

No. 9. FROM THE CITY OF MEXICO TO S. LUIS POTOSI.

City of Mexico.

7	Cuautitlan.											
18	11	Tula.										
31	24	13	Arroyosarco.									
43	36	25	12	San Juan del Rio.								
57	50	39	26	14	Querétaro.							
65	58	47	34	22	8	Ricos.						
72	65	54	41	29	15	7	S. Miguel.					
79	72	61	48	36	22	14	7	Dolores.				
87	80	69	56	44	30	22	15	8	Quemada.			
99	92	81	68	56	42	34	27	20	12	Jaral.		
106	99	88	75	63	49	41	34	27	19	7	Gato.	
113	106	95	82	70	56	48	41	34	26	14	7	S. Luis Potosí.

No. 10. FROM S. LUIS POTOSI TO TAMPICO.

S. Luis Potosí.

5	Rancho de Adoves.															
12	7	Hacienda de la Corcobada.														
16	11	4	do. de Peotillos.													
24	19	12	8	Rancho de S. Isidro.												
32	27	20	16	8	Piedra Hincada.											
35	30	23	19	11	3	Rancho de Coronel.										
43	38	34	27	19	11	8	Villa de Tula.									
48	43	36	32	24	16	13	5	Gallitos.								
54	49	42	38	30	22	19	11	6	Villa de Santa Bárbara.							
59	54	47	43	35	27	24	16	11	5	Rancho del Chamal.						
64	59	52	48	40	32	29	21	16	10	5	do. del Limon.					
71	66	59	55	47	39	36	28	23	17	12	7	Orcasitas.				
79	74	67	63	55	47	44	36	31	25	20	15	8	Rancho del Carrizo.			
87	82	75	71	63	55	52	44	39	33	28	23	16	8	Ailadero de la Tuna.		
97	92	85	81	73	65	62	54	49	43	38	33	26	18	10	Altamira.	
104	99	92	88	80	72	69	61	56	50	45	40	33	25	17	7	Tampico.

No. 11. FROM S. LUIS POTOSI TO DURANGO.

S. Luis Potosí.

9	Parada.															
21	12	Espíritu Santo.														
28	19	7	Salinas.													
40	31	19	12	La Blanca.												
48	39	27	20	8	Trancoso.											
54	45	33	26	14	6	Zacatecas.										
60	51	39	32	20	12	6	Calera.									
67	58	46	39	27	19	13	7	Fresnillo.								
75	66	54	47	35	27	21	15	8	Rancho Grande.							
86	77	65	58	46	38	32	26	19	11	Zain.						
97	88	76	69	57	49	43	37	30	22	11	Sombrerete.					
103	94	82	75	63	55	49	43	36	28	17	6	Calabazal.				
108	99	87	80	68	60	54	48	41	33	22	11	5	Muleros.			
117	108	96	89	77	69	63	57	50	42	31	20	14	9	Nombre de Dios.		
129	120	108	101	89	81	75	69	62	54	43	32	26	21	12	Arenal.	
135	126	114	107	95	87	81	75	68	60	49	38	32	27	18	6	Durango.

No. 12. FROM DURANGO TO CULIACAN.

Durango.

2	Chupaderos.																					
12	10	Cacaría.																				
28	21	11	Pino.																			
31	29	19	8	Magdalena.																		
39	37	27	16	8	Estancia de Pinacate.																	
48	46	36	25	17	9	Santiago Papasquiari.																
55	53	43	32	24	16	7	Vado de Corrales.															
63	61	51	40	32	24	15	8	Boca de la Sierra.														
70	68	58	47	39	31	22	15	7	Cruz de Piedra.													
75	73	63	52	44	36	27	20	12	5	Chinacates.												
87	85	75	64	56	48	39	32	24	17	12	Cueva del Negro.											
97	95	85	74	66	58	49	42	34	27	22	10	Salto.										
107	105	95	84	76	68	59	52	44	37	32	20	10	Balnarte.									
115	113	103	92	84	76	67	60	52	45	40	28	18	8	Tablas.								
122	120	110	99	91	83	74	67	59	52	47	35	25	15	7	Canelas.							
132	130	120	109	101	93	84	77	69	62	57	45	35	25	17	10	Agua Blanca.						
142	140	130	119	111	103	94	87	79	72	67	55	45	35	27	20	10	Guamúchil.					
150	148	138	127	119	111	102	95	87	80	75	68	59	49	35	28	18	8	Frijolar.				
155	153	143	132	124	116	107	100	92	85	80	68	58	48	40	33	23	13	5	Agua Caliente.			
160	158	148	137	129	121	112	105	97	90	85	73	63	53	45	38	28	18	10	5	Jala.		
170	168	158	147	139	131	122	115	107	100	95	83	73	63	55	48	38	28	20	15	10	Confradía.	
180	178	168	157	149	141	132	125	117	110	105	93	83	73	65	58	48	38	30	25	20	10	Culiacán.

No. 13. FROM CULIACAN TO ALAMOS.

Culiacán.

6	Paredon.														
13	7	Morita.													
18	12	5	Mescal.												
25	19	12	7	Palmas de Leira.											
29	23	16	11	4	Mocosito.										
35	29	22	17	10	6	La Ciénega.									
41	35	28	23	16	12	6	Mezquite.								
46	40	33	28	21	17	11	5	Sinaloa (villa).							
54	48	41	36	29	25	19	13	8	Ocoroni.						
60	54	47	42	35	31	25	19	14	6	Tasajera.					
67	61	54	49	42	38	32	26	21	13	7	Los Ojitos.				
76	70	63	58	51	47	41	35	30	22	16	9	Fuerte.			
84	78	71	66	59	55	49	43	38	30	24	17	8	Mezquite.		
94	88	81	76	69	65	59	53	48	40	34	27	18	10	Jerocoa.	
102	96	89	84	77	73	67	61	56	48	42	35	26	18	8	Alamos.

No. 14. FROM ALAMOS TO THE RIVER COLORADO (GULF OF CAL.).

Alamos.

12	Cuscaré.																
37	25	Barroyeca.															
55	43	18	Buenavista.														
65	53	28	10	Camuri.													
80	68	43	25	15	S. Lorenzo.												
92	80	55	37	27	12	S. José Pimas.											
102	90	65	47	37	22	10	Sumate.										
112	100	75	57	47	32	20	10	Pitic.									
130	118	93	75	65	50	38	28	18	Chino.								
160	148	123	105	95	80	68	58	48	30	Alamito.							
182	170	145	127	117	102	90	80	70	52	22	Altar.						
222	210	185	167	157	142	130	120	110	92	62	40	Quitovaca.					
234	222	197	179	169	154	142	132	122	104	74	52	12	Zonoito.				
246	234	209	191	181	166	154	144	134	116	86	64	24	12	Salado.			
271	259	234	216	206	191	179	169	159	141	111	89	49	37	25	Tule.		
281	269	244	226	216	201	189	179	169	151	121	99	59	47	35	10	Tinaja.	
321	309	284	266	256	241	229	219	209	191	161	139	99	87	75	50	40	River Colorado.

## No. 15. FROM THE CITY OF MEXICO TO MORELIA.

City of Mexico.

5	Cuajimalpa.											
12	7	Lerma.										
16	11	4	Toluca.									
25	20	13	9	Istlahuaca.								
32	27	20	16	7	S. Felipe del Obrage.							
40	35	28	24	15	8	Hacienda de Tepetongo.						
49	44	37	33	24	17	9	Maravatio.					
55	50	43	39	30	23	15	6	Vearco.				
59	54	47	43	34	27	19	10	4	Zinapécuaro.			
62	57	50	46	37	30	22	13	7	3	Indaparapeo.		
65	60	53	49	40	33	25	16	10	6	3	Charo.	
69	64	57	53	44	37	29	20	14	10	7	4	Morelia.

## No. 16. FROM QUERETARO TO MORELIA.

Querétaro.

7	Apaseo.										
10	3	Celaya.									
15	8	5	Noria.								
18	11	8	3	Tarimoro.							
24	17	14	9	6	Acámbaro.						
30	23	20	15	12	6	Zinapécuaro.					
33	26	23	18	15	9	3	Indaparapeo.				
36	29	26	21	18	12	6	3	Charo.			
40	33	30	25	22	16	10	7	4	Morelia.		

## No. 17. FROM QUERETARO TO MORELIA.

Querétaro.

3	Batan.										
8	5	Hacienda de la Barranca.									
12	9	4	do del Fresno.								
16	13	8	4	Jerécuaro.							
23	20	15	11	7	Acámbaro.						
29	26	21	17	13	6	Zinapécuaro.					
32	29	24	20	16	9	3	Indaparapeo.				
35	32	27	23	19	12	6	3	Charo.			
39	36	31	27	23	16	10	7	4	Morelia.		

## No. 18. FROM MORELIA TO GUANAJUATO.

Morelia.

7	Tararameo.										
8½	1½	Ciutzeo.									
13½	6½	5	Uriangato.								
20	13	11½	6½	Magdalena.							
21½	14½	13	8	1½	Valle de Santiago.						
25½	18½	17	12	5½	4	Salamanca.					
29½	22½	21	16	9½	8	4	Irapuato.				
34½	27½	26	21	14½	13	9	5	Burras.			
39½	32½	31	26	19½	18	14	10	5	Guanajuato.		

No. 19. FROM MORELIA TO COLIMA.

Morelia.

7	Tiristeran.	
13	6	Cuatro.
19½	12½	6½ Caurio.
24½	17½	11½ 5 Tlazazalca.
30	23	17 10½ 5½ Santiaguillo.
32½	25½	19½ 13 8 2½ Zamora.
37½	30½	24½ 18 18 7½ 5 Chavinda.
42½	35½	29½ 23 18 12½ 10 5 Guarachita.
47½	40½	34½ 28 23 17½ 15 10 5 Xiquilpan.
53½	46½	40½ 34 29 23½ 21 16 11 6 Corrales.
59	52	46 39½ 34½ 29 26½ 21½ 16½ 5½ Trompetas.
64½	57½	51½ 45 40 34½ 22 27 22 17 11 5½ Veladero.
69½	62½	56½ 50 45 39½ 37 32 27 22 16 10½ 5 Contla.
72	65	59 52½ 47½ 42 39½ 34½ 29½ 24½ 18½ 13 7½ 2½ Tamazula.
74½	67½	61½ 55 50 44½ 42 37 32 27 21 15½ 10 5 2½ Río Cubianes.
76½	69½	63½ 57 52 46½ 44 39 34 29 23 17½ 12 7 4½ 2 Zapotilque.
79½	72½	66½ 60 55 49½ 47 42 37 32 26 20½ 15 10 7½ 5 3 Tinguiqué.
83	76	70 63½ 58½ 53 50½ 45½ 40½ 35½ 29½ 24 18½ 13½ 11 8½ 6½ 8½ Platanar.
86½	79½	73½ 67 62 56½ 54 49 44 39 33 27½ 22 17 14½ 12 10 8½ 7 8½ Bocas.
89	82	76 69½ 64½ 59 56½ 51½ 46½ 41½ 35½ 30 24½ 19½ 17 14½ 12½ 9½ 6 2½ S. Márcos.
91½	84½	78½ 72 67 61½ 59 54 49 44 38 32½ 27 22 19½ 17 15 12 8½ 5 2½ Sonila.
93½	86½	80½ 74 69 63½ 61 56 51 46 40 34½ 29 24 21½ 19 17 14 10½ 7 4½ 2 Albarrada.
98½	91½	85½ 79 74 68½ 66 61 56 51 45 39½ 34 29 26½ 24 22 19 15½ 12 9½ 5 Camichin.
103½	96½	90½ 84 79 73½ 71 66 61 56 50 44½ 39 34 31½ 29 27 24 20½ 17 14½ 12 10 5 Colima.

No. 20. FROM QUERETARO TO ZACATECAS.

Querétaro.

11	Celaya.	
23	12	Salamanca.
29	18	6 Irapuato.
39	28	16 10 Siloa.
49	38	26 20 10 Leon.
59	48	36 30 20 10 Lagos.
73	62	50 44 34 24 14* La Villa de la Encarnacion.
83	72	60 54 44 34 24 10 Aguascalientes.
97	86	74 68 58 48 38 24 14 Hacienda de S. Jacinto.
105	94	82 76 66 56 46 32 22 8 do. de la Concepcion.
113	102	90 84 74 64 54 40 30 16 8 Zacatecas.

Zacatecas.

14	Fresnillo.	
24	10	Rancho Grande.
32	18	8 Hacienda de la Laborcita.
43	29	19 11 Hacienda de Sta. Catalina.
55	41	31 23 12 La Carbonera.
65	51	41 33 22 10 Hacienda de Juan Perez.
72	58	48 40 29 17 7 Hacienda de Atotonilco.
80	66	56 48 37 25 15 8 Cuernavacá.
87	73	63 55 44 32 22 15 7 Noria Pedriceña.
97	83	73 65 54 42 32 25 17 10 Hacienda de Dolores, via Rio Nazas.
109	95	85 77 66 54 44 37 29 22 12 Gallo.
127	113	103 95 84 72 62 55 47 40 30 18 Zarca.
141	127	117 109 98 86 76 69 61 54 44 32 14 Cerro Gordo.
155	141	131 123 112 100 90 83 75 68 58 46 28 14 Noria de Pedrusa.
160	146	136 128 117 105 95 88 80 73 63 51 19 5 Río Florido.
163	149	139 131 120 108 98 91 83 76 66 54 36 22 8 Hacienda de la Concepcion.
170	156	146 138 127 115 105 98 90 83 73 61 43 29 15 10 7 Valle de S. Bartolomé.
188	174	164 156 145 133 123 116 108 101 91 79 61 47 33 28 25 18 Hacienda del Rio del Parral.
196	182	172 164 153 141 131 124 116 109 99 87 69 55 41 36 26 8 Hacienda de Dolores, in Conchos.
204	190	180 172 161 149 139 132 124 117 107 95 77 63 49 44 41 34 16 8 Rancho del Saucillo.
214	200	190 182 171 159 149 142 134 127 117 105 87 73 59 49 44 26 18 10 Pueblo de Sta. Cruz.
238	214	204 196 185 173 163 156 148 141 131 119 101 87 73 54 44 44 26 32 24 14 Oñitos.
235	221	211 203 192 180 170 163 155 148 138 126 108 94 80 75 72 65 58 47 39 31 21 7 Chihuahua.

No. 21. FROM ZACATECAS TO CHIHUAHUA.