

PERMISIONARIO: Centro Nacional de Control del Gas Natural  
 PUNTO DE MEDICIÓN: Torreon  
 ZONA DE MEDICIÓN: RESTO DEL PAIS

FECHA: (dd/mm/aa)	Metano (%vol)	Etano (%vol)	Nitrógeno (%vol)	Bióxido de Carbono (%vol)	Total de inertes (%vol)	Poder calorífico (MJ/m³)	Índice Wobbe (MJ/m³)	Temperatura de rocío de hidrocarburos (°K)	Humedad (mg/m³)	Acido sulfhídrico (mg/m³)	Oxigeno (% vol)	Azufre Total (mg/m³)
01/09/2018	95.3170	3.1348	0.2815	1.0138	1.2953	38.3610	50.1901	257.5396	44.4614	0.1016	N.D	Menor a 10.8
02/09/2018	95.5328	2.9668	0.2708	0.9957	1.2666	38.3156	50.1815	258.3484	42.7709	0.0957		
03/09/2018	95.5198	2.9824	0.2806	0.9865	1.2672	38.3166	50.1840	258.0360	41.6000	0.0561		
04/09/2018	95.5906	2.9396	0.2592	0.9939	1.2530	38.2967	50.1794	255.3718	41.4583	0.0594		
05/09/2018	95.4984	3.1498	0.2711	0.8878	1.1590	38.3709	50.2885	253.4668	39.6127	0.0602		
06/09/2018	95.7115	2.9422	0.2477	0.8947	1.1424	38.3298	50.2707	255.7450	36.7085	0.0202		
07/09/2018	95.0969	3.4256	0.2584	0.9830	1.2414	38.4513	50.2740	257.2470	32.0448	0.0305		
08/09/2018	95.5392	3.0129	0.2719	0.9599	1.2319	38.3285	50.2133	258.4991	32.1736	0.0263		
09/09/2018	96.0331	2.5577	0.2800	0.9295	1.2095	38.1929	50.1530	256.4151	30.2456	0.0162		
10/09/2018	96.1273	2.4884	0.2629	0.9366	1.1996	38.1622	50.1384	252.6331	32.5157	0.0153		
11/09/2018	96.1051	2.4480	0.2551	0.9969	1.2520	38.1388	50.0864	253.1881	33.6911	0.0174		
12/09/2018	96.0185	2.5324	0.2849	0.9763	1.2611	38.1535	50.0957	252.9073	34.4544	0.0255		
13/09/2018	96.1525	2.3709	0.2727	0.9965	1.2693	38.1187	50.0670	254.6575	32.3309	0.0199		
14/09/2018	96.1977	2.3170	0.2714	1.0080	1.2795	38.0982	50.0477	253.8161	31.3389	0.0216		
15/09/2018	96.1981	2.3460	0.2573	1.0035	1.2608	38.1067	50.0622	253.4165	29.6212	0.0327		
16/09/2018	96.2550	2.2841	0.2566	1.0214	1.2780	38.0746	50.0317	253.0469	29.7474	0.0444		
17/09/2018	96.2951	2.2239	0.2552	1.0293	1.2845	38.0646	50.0210	254.1487	30.2627	0.0246		
18/09/2018	96.3112	2.2412	0.2472	1.0112	1.2584	38.0750	50.0433	254.3802	30.4763	0.0215		
19/09/2018	96.3059	2.2395	0.2526	1.0095	1.2622	38.0749	50.0419	254.0109	30.9229	0.0191		
20/09/2018	96.2284	2.2878	0.2672	1.0145	1.2817	38.0889	50.0398	254.6534	32.7281	0.0549		
21/09/2018	96.3195	2.2575	0.2723	0.9765	1.2488	38.0724	50.0546	252.1196	34.1525	0.0768		
22/09/2018	96.3567	2.2295	0.2852	0.9529	1.2381	38.0692	50.0633	252.3661	32.1780	0.0219		
23/09/2018	96.3486	2.2658	0.2784	0.9184	1.1968	38.1048	50.1109	253.1576	33.6847	0.0302		
24/09/2018	96.0990	2.4817	0.2719	0.9513	1.2233	38.1611	50.1233	253.6105	35.2082	0.0475		
25/09/2018	96.1855	2.3795	0.2564	0.9856	1.2419	38.1229	50.0845	253.8421	35.4821	0.0962		
26/09/2018	96.3840	2.1973	0.2821	0.9424	1.2245	38.0778	50.0769	253.3010	35.3259	0.0568		
27/09/2018	96.2688	2.2955	0.2787	0.9677	1.2464	38.0940	50.0701	254.0883	33.9933	0.0299		
28/09/2018	96.2420	2.3307	0.2614	0.9702	1.2317	38.1217	50.0921	258.8618	32.0492	0.0445		
29/09/2018	96.1830	2.3761	0.2686	0.9680	1.2366	38.1299	50.0951	253.4193	32.8104	0.0693		
30/09/2018	96.2384	2.3109	0.2633	0.9833	1.2467	38.1075	50.0740	253.7006	31.1306	0.0717		

\*/ Los valores trimestrales se deberán reportar en los meses de marzo, junio, septiembre y diciembre de cada año, respecto del trimestre inmediato anterior.

Mínimo	95.0969	2.1973	0.2472	0.8878	1.1424	38.0646	50.0210	252.1196	29.6212	0.0153		
Promedios	96.0220	2.5339	0.2674	0.9755	1.2429	38.1727	50.1151	254.6665	34.1727	0.0436		
Máximo	96.3840	3.4256	0.2852	1.0293	1.2953	38.4513	50.2885	258.8618	44.4614	0.1016		
Desv. Est.	0.3581	0.3498	0.0112	0.0362	0.0348	0.1133	0.0757	1.9819	4.0188	0.0259		

Observaciones:

PERMISIONARIO: Centro Nacional de Control del Gas Natural  
 PUNTO DE MEDICIÓN: Torreón  
 ZONA DE MEDICIÓN: RESTO DEL PAIS

FECHA: (dd/mm/aa)	Metano (%vol)	Etano (%vol)	Nitrógeno (%vol)	Bióxido de Carbono (%vol)	Total de inertes (%vol)	Poder calorífico (MJ/m³)	Índice Wobbe (MJ/m³)	Temperatura de rocío de hidrocarburos (°K)	Humedad (mg/m³)	Acido sulfhídrico (mg/m³)	Oxígeno (% vol)	Azufre Total (mg/m³)
01/09/2018	95.5120	3.3518	0.2981	1.0471	1.3409	38.4768	50.2485	281.0122	49.3157	1.1807		
02/09/2018	95.7009	3.1561	0.2801	1.0481	1.3275	38.3622	50.2224	276.7634	47.2610	0.5787		
03/09/2018	95.6693	3.1302	0.3010	1.0244	1.3254	38.3993	50.2192	283.0801	46.3775	0.4659		
04/09/2018	95.6805	3.0113	0.2717	1.0147	1.2702	38.3214	50.2479	262.1988	43.5985	0.2838		
05/09/2018	95.6084	3.1750	0.2728	0.8992	1.1615	38.3782	50.2913	254.1639	41.0347	0.3811		
06/09/2018	96.0000	3.2180	0.2728	1.0046	1.2621	38.4436	50.3866	277.4406	40.8637	0.0433		
07/09/2018	95.5856	3.7138	0.2771	1.0104	1.2805	38.5335	50.3305	277.5839	34.5454	0.2027		
08/09/2018	96.0371	3.4311	0.2978	1.0315	1.2876	38.4465	50.2797	285.3407	36.7568	0.1819		
09/09/2018	96.1293	2.6291	0.3082	0.9894	1.2753	38.2289	50.1929	278.5926	32.0294	0.0200		
10/09/2018	96.1657	2.5628	0.2743	0.9811	1.2444	38.1922	50.1723	255.4020	37.0367	0.0225		
11/09/2018	96.1644	2.5716	0.2712	1.0272	1.2768	38.1839	50.1322	256.9825	38.3879	0.0588		
12/09/2018	96.1838	2.6674	0.4437	1.0009	1.4044	38.2033	50.1367	255.9037	40.3403	0.2424		
13/09/2018	96.3035	2.6396	0.3028	1.0096	1.3093	38.2017	50.0967	257.1582	37.0004	0.1379		
14/09/2018	96.3034	2.4383	0.2933	1.0468	1.3168	38.1404	50.0917	256.3279	34.9755	0.1763		
15/09/2018	96.2697	2.4159	0.2761	1.0418	1.2871	38.1451	50.0988	257.0547	33.7240	0.2130		
16/09/2018	96.4070	2.4146	0.2649	1.0626	1.3202	38.1129	50.0453	255.4672	33.6968	0.7050		
17/09/2018	96.3498	2.3323	0.2687	1.0677	1.3216	38.0890	50.0600	256.1092	34.7915	0.1304		
18/09/2018	96.5060	2.3992	0.2591	1.0557	1.2948	38.1327	50.0920	260.0499	33.4299	0.0982		
19/09/2018	96.4090	2.3765	0.2651	1.0358	1.2871	38.1262	50.1030	256.2547	33.6489	0.0772		
20/09/2018	96.3636	2.4987	0.2996	1.0469	1.3117	38.1663	50.1129	257.0635	36.4615	0.5173		
21/09/2018	96.4269	2.3858	0.2995	1.0087	1.3082	38.1208	50.0821	256.9043	38.3413	0.7303		
22/09/2018	96.4167	2.2886	0.2950	0.9942	1.2710	38.0978	50.1059	255.5293	35.7411	0.0939		
23/09/2018	96.4124	2.3382	0.2882	0.9586	1.2365	38.1392	50.1435	255.9637	38.3218	0.1828		
24/09/2018	96.3893	3.0676	0.2975	1.0370	1.2960	38.3265	50.1895	255.9212	39.1873	0.2773		
25/09/2018	96.5451	3.1000	0.2798	1.0235	1.2654	38.3311	50.2040	255.3876	39.9063	0.8890		
26/09/2018	96.5222	2.3051	0.2975	0.9743	1.2602	38.1079	50.1042	256.6140	38.5369	0.7284		
27/09/2018	96.4476	2.5868	0.3016	1.0111	1.2779	38.1951	50.1489	255.8024	36.9680	0.1313		
28/09/2018	96.3810	2.5228	0.2917	1.0152	1.2713	38.2600	50.1750	287.7047	32.6902	0.1499		
29/09/2018	96.2857	2.4800	0.2842	1.0085	1.2730	38.1841	50.1573	254.9898	37.3942	0.2162		
30/09/2018	96.3261	2.3975	0.2732	1.0279	1.2927	38.1323	50.1002	255.6465	36.1013	0.4395		

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Mínimo	95.5120	2.2886	0.2591	0.8992	1.1615	38.0890	50.0453	254.1639	32.0294	0.0200		
Promedios	96.1834	2.7202	0.2902	1.0168	1.2886	38.2393	50.1657	263.0138	37.9488	0.3185		
Máximo	96.5451	3.7138	0.4437	1.0677	1.4044	38.5335	50.3866	287.7047	49.3157	1.1807		
Desv. Est.	0.3131	0.4000	0.0321	0.0343	0.0406	0.1291	0.0833	11.2693	4.2817	0.2885		

Observaciones:

PERMISIONARIO: Centro Nacional de Control del Gas Natural  
 PUNTO DE MEDICIÓN: Torreón  
 ZONA DE MEDICIÓN: RESTO DEL PAIS

FECHA: (dd/mm/aa)	Metano (%vol)	Etano (%vol)	Nitrógeno (%vol)	Bióxido de Carbono (%vol)	Total de inertes (%vol)	Poder calorífico (MJ/m³)	Índice Wobbe (MJ/m³)	Temperatura de rocío de hidrocarburos (°K)	Humedad (mg/m³)	Acido sulfhídrico (mg/m³)	Oxígeno (% vol)	Azufre Total (mg/m³)
01/09/2018	95.0880	2.9837	0.2593	0.9865	1.2489	38.3194	50.1416	254.3464	39.2507	0.0127		
02/09/2018	95.3498	2.8387	0.2608	0.9334	1.2078	38.2709	50.1433	252.0092	39.8104	0.0137		
03/09/2018	95.4012	2.8512	0.2633	0.9589	1.2267	38.2695	50.1563	250.5507	35.8448	0.0137		
04/09/2018	95.5069	2.8606	0.2449	0.9214	1.1662	38.2652	50.1524	249.9407	36.2166	0.0124		
05/09/2018	95.4696	3.0438	0.2522	0.8810	1.1470	38.3416	50.2748	250.6229	37.7065	0.0225		
06/09/2018	95.4696	2.6218	0.2210	0.8283	1.0494	38.2256	50.1516	247.3099	32.5153	0.0112		
07/09/2018	94.8199	2.9137	0.2445	0.9577	1.2174	38.3171	50.1765	250.9019	29.3036	0.0137		
08/09/2018	95.0858	2.4464	0.2555	0.9105	1.1762	38.1760	50.0947	249.7575	28.8981	0.0129		
09/09/2018	95.9760	2.4715	0.2557	0.8930	1.1755	38.1633	50.1119	250.6327	29.0782	0.0028		
10/09/2018	96.0784	2.4069	0.2532	0.9003	1.1742	38.1350	50.0914	249.8829	29.6159	0.0112		
11/09/2018	95.9805	2.3811	0.2406	0.9552	1.2021	38.1068	50.0536	251.2072	29.5640	0.0105		
12/09/2018	95.8465	2.3958	0.2641	0.9591	1.2358	38.0987	50.0086	249.5301	29.4474	0.0111		
13/09/2018	95.8116	2.2352	0.2579	0.9878	1.2491	38.0749	50.0414	252.4734	28.1571	0.0116		
14/09/2018	96.1046	2.2338	0.2624	0.9736	1.2486	38.0681	50.0117	251.7519	26.6698	0.0107		
15/09/2018	96.1248	2.2832	0.2452	0.9704	1.2407	38.0724	50.0283	251.6119	25.6049	0.0114		
16/09/2018	96.0875	2.1544	0.2515	0.9885	1.2440	38.0369	50.0065	251.8922	27.1427	0.0097		
17/09/2018	96.1634	2.1582	0.2311	0.9894	1.2507	38.0375	49.9887	252.1985	27.5560	0.0103		
18/09/2018	96.1565	2.0901	0.2319	0.9494	1.1854	38.0266	49.9927	252.4646	27.6816	0.0114		
19/09/2018	96.1679	2.1831	0.2400	0.9421	1.1874	38.0500	50.0118	251.1560	28.2659	0.0120		
20/09/2018	96.0499	2.1549	0.2554	0.9691	1.2430	38.0409	49.9996	251.8596	28.7401	0.0114		
21/09/2018	96.0930	2.1500	0.2549	0.9320	1.2124	38.0351	50.0264	249.9345	31.8662	0.0124		
22/09/2018	96.3030	2.1710	0.2757	0.9154	1.1983	38.0430	50.0276	248.9404	29.8542	0.0118		
23/09/2018	96.2852	2.1983	0.2717	0.8977	1.1777	38.0779	50.0675	251.0671	29.9527	0.0060		
24/09/2018	95.4548	2.2515	0.2504	0.9068	1.1764	38.1003	50.0345	250.6275	31.3130	0.0118		
25/09/2018	95.4561	2.0310	0.2352	0.9409	1.2147	38.0163	50.0217	251.0726	31.8960	0.0120		
26/09/2018	96.2936	2.0807	0.2614	0.9198	1.2069	38.0357	50.0454	251.5120	31.6032	0.0090		
27/09/2018	95.9840	2.1250	0.2496	0.9231	1.2080	38.0490	50.0211	251.6416	31.5255	0.0131		
28/09/2018	96.0348	2.1785	0.2468	0.9047	1.1527	38.0444	50.0241	252.4956	31.0319	0.0165		
29/09/2018	96.0925	2.2773	0.2555	0.9222	1.1884	38.0855	50.0518	251.9427	28.3242	0.0126		
30/09/2018	96.1133	2.2532	0.2558	0.9547	1.2178	38.0838	50.0286	251.0784	28.0910	0.0112		

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<b>Mínimo</b>	94.8199	2.0310	0.2210	0.8283	1.0494	38.0163	49.9887	247.3099	25.6049	0.0028		
<b>Promedios</b>	95.8283	2.3808	0.2516	0.9358	1.2010	38.1222	50.0662	251.0804	30.7509	0.0118		
<b>Máximo</b>	96.3030	3.0438	0.2757	0.9894	1.2507	38.3416	50.2748	254.3464	39.8104	0.0225		
<b>Desv. Est.</b>	0.4081	0.3018	0.0120	0.0371	0.0418	0.1013	0.0686	1.3108	3.6472	0.0031		

Observaciones: