

**PERMISIONARIO:** Centro Nacional de Control del Gas Natural  
**PUNTO DE MEDICIÓN:** Chihuahua  
**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)
01/10/2018	90.7062	6.4139	0.9975	0.6154	1.6129	39.8219	50.9706	233.5107	35.1052	0.0676		
02/10/2018	90.4243	6.6934	1.0131	0.5725	1.5856	39.9381	51.0582	236.5327	34.4944	0.0682		
03/10/2018	90.4509	6.6822	0.9704	0.5439	1.5143	40.0048	51.1337	238.3487	35.1272	0.0834		
04/10/2018	90.6289	6.4599	0.9380	0.5961	1.5341	39.9520	51.0829	238.9727	36.3151	0.1229		
05/10/2018	91.0118	6.2987	0.9779	0.5167	1.4946	39.7922	51.0293	234.9522	38.5619	0.1079		
06/10/2018	91.2555	6.0783	1.0904	0.4916	1.5819	39.6199	50.8993	232.6838	37.2558	0.0900		
07/10/2018	90.7962	6.2693	1.0234	0.5899	1.6133	39.8193	50.9745	235.9728	37.5389	0.1037		
08/10/2018	91.0750	6.1159	1.0770	0.5862	1.6633	39.6356	50.8499	231.2228	35.8282	0.1199		
09/10/2018	91.1404	6.0509	1.0844	0.5709	1.6552	39.6247	50.8509	231.0448	33.3333	0.1036		
10/10/2018	91.1588	6.0620	1.0222	0.5299	1.5521	39.7236	50.9617	235.7663	34.5064	0.1088		
11/10/2018	91.2097	6.0656	0.9493	0.4442	1.3935	39.8665	51.1322	250.7342	36.9493	0.1229		
12/10/2018	90.4167	6.6973	0.9577	0.3701	1.3278	40.2303	51.3824	253.9782	37.1234	0.0954		
13/10/2018	91.0635	6.3719	1.0339	0.3545	1.3884	39.8437	51.1435	250.2143	39.7051	0.1092		
14/10/2018	91.1530	6.2370	1.0507	0.3643	1.4149	39.8085	51.1094	250.1167	37.1127	0.1163		
15/10/2018	91.9451	5.6816	1.0627	0.2999	1.3626	39.5507	51.0030	249.2107	33.2419	0.0926		
16/10/2018	91.5838	5.9155	1.0684	0.3381	1.4065	39.6543	51.0327	248.2376	29.2673	0.1031		
17/10/2018	91.7294	5.7990	1.1766	0.3413	1.5179	39.4838	50.8862	247.1251	27.5439	0.1209		
18/10/2018	91.7944	5.6830	1.2624	0.3227	1.5850	39.4169	50.8225	246.2371	27.7984	0.0878		
19/10/2018	91.5616	5.7852	1.2490	0.3566	1.6056	39.5122	50.8590	248.6819	30.5944	0.0743		
20/10/2018	91.6855	5.7218	1.3593	0.3677	1.7271	39.3226	50.6953	247.1424	30.8721	0.0557		
21/10/2018	91.8360	5.6399	1.4456	0.2850	1.7307	39.2560	50.6753	237.5078	29.5793	0.0766		
22/10/2018	92.0034	5.4811	1.4146	0.2740	1.6887	39.2547	50.6956	239.2327	30.4027	0.0802		
23/10/2018	92.4928	5.1857	1.4812	0.2212	1.7025	39.0226	50.5707	232.5331	28.3263	0.0921		
24/10/2018	92.1419	5.3291	1.1668	0.3933	1.5600	39.3493	50.7785	242.1668	30.2165	0.0680		
25/10/2018	92.1670	5.2978	1.1015	0.4470	1.5485	39.3509	50.7721	246.8825	34.8937	0.0422		
26/10/2018	91.8738	5.4726	1.1913	0.3975	1.5888	39.4474	50.8199	241.1326	32.6914	0.0301		
27/10/2018	91.4258	5.8205	1.1577	0.4053	1.5631	39.6349	50.9356	244.9039	33.2285	0.0303		
28/10/2018	92.4792	5.1297	1.1700	0.3662	1.5363	39.2137	50.7190	227.8773	34.2351	0.0303		
29/10/2018	94.0133	4.0741	1.1262	0.2409	1.3672	38.7779	50.5782	221.1812	36.2760	0.0299		
30/10/2018	92.2016	5.3611	1.0258	0.3973	1.4231	39.4387	50.8896	234.3284	37.4637	0.0276		
31/10/2018	92.1652	5.4813	1.0558	0.4119	1.4677	39.3594	50.8220	228.6635	33.7526	0.0285		

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

<b>Mínimo</b>	90.4167	4.0741	0.9380	0.2212	1.3278	38.7779	50.5707	221.1812	27.5439	0.0276		
<b>Promedios</b>	91.5352	5.8502	1.1194	0.4198	1.5391	39.5718	50.9075	239.9063	33.8497	0.0803		
<b>Máximo</b>	94.0133	6.6973	1.4812	0.6154	1.7307	40.2303	51.3824	253.9782	39.7051	0.1229		
<b>Desv. Est.</b>	0.7604	0.5579	0.1465	0.1132	0.1124	0.3091	0.1823	8.1972	3.3663	0.0321		

Observaciones:

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

FECHA: (dd/mm/aa)	Metano (%vol)	Etano (%vol)	Nitrógeno (%vol)	Bióxido de Carbono (%vol)	Total de inertes (%vol)	Poder calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Temperatura de rocío de hidrocarburos (°K)	Humedad (mg/m <sup>3</sup> )	Acido sulfhídrico (mg/m <sup>3</sup> )	Oxígeno (% vol)	Azufre Total (mg/m <sup>3</sup> )
01/10/2018	91.422	6.572	1.065	0.706	1.672	39.906	51.007	236.352	39.442	0.100		
02/10/2018	90.790	7.128	1.057	0.646	1.622	40.165	51.158	240.978	37.396	0.086		
03/10/2018	90.675	6.998	1.011	0.588	1.578	40.129	51.230	240.283	39.242	0.109		
04/10/2018	90.832	6.640	0.982	0.687	1.653	40.046	51.173	240.479	39.417	0.177		
05/10/2018	91.385	6.530	1.070	0.595	1.558	39.915	51.115	237.951	42.528	0.164		
06/10/2018	91.455	6.269	1.160	0.539	1.634	39.731	50.965	236.905	41.892	0.124		
07/10/2018	91.421	6.905	1.076	0.636	1.662	40.143	51.138	240.564	39.682	0.159		
08/10/2018	91.366	6.676	1.112	0.676	1.725	39.894	50.961	234.938	40.327	0.178		
09/10/2018	91.437	6.233	1.142	0.658	1.765	39.703	50.897	232.742	37.186	0.150		
10/10/2018	91.796	6.266	1.102	0.613	1.621	39.982	51.162	249.775	37.796	0.175		
11/10/2018	92.041	6.547	1.128	0.519	1.521	40.073	51.279	252.323	39.764	0.197		
12/10/2018	90.931	7.203	1.006	0.411	1.412	40.519	51.538	255.768	39.913	0.156		
13/10/2018	91.667	6.815	1.109	0.375	1.449	40.144	51.322	253.182	43.505	0.146		
14/10/2018	91.688	7.003	1.075	0.391	1.439	40.112	51.268	251.177	40.657	0.141		
15/10/2018	92.413	6.323	1.111	0.343	1.429	39.921	51.219	251.472	37.267	0.145		
16/10/2018	91.817	6.241	1.112	0.384	1.492	39.769	51.116	249.408	30.215	0.165		
17/10/2018	92.006	6.007	1.283	0.383	1.630	39.700	51.062	250.149	28.875	0.164		
18/10/2018	92.476	6.029	1.376	0.361	1.647	39.633	50.955	250.060	29.189	0.115		
19/10/2018	92.065	6.008	1.318	0.453	1.741	39.725	51.009	250.230	31.997	0.093		
20/10/2018	92.176	5.974	1.556	0.485	1.787	39.585	50.852	255.550	31.831	0.079		
21/10/2018	92.340	5.892	1.619	0.425	1.778	39.530	50.825	248.662	30.555	0.091		
22/10/2018	92.479	5.773	1.618	0.434	1.779	39.635	50.928	250.257	31.115	0.099		
23/10/2018	92.764	5.355	1.653	0.360	1.815	39.365	50.777	241.359	30.039	0.107		
24/10/2018	92.777	5.700	1.556	0.573	1.703	39.674	50.953	250.139	32.644	0.135		
25/10/2018	92.679	5.753	1.263	0.598	1.642	39.686	50.948	251.754	38.248	0.066		
26/10/2018	92.353	6.009	1.263	0.466	1.709	39.812	51.034	251.200	36.850	0.041		
27/10/2018	91.865	6.145	1.293	0.516	1.679	39.869	51.051	250.708	37.000	0.045		
28/10/2018	94.784	5.929	1.311	0.462	1.585	39.623	50.918	241.963	38.040	0.044		
29/10/2018	95.243	5.360	1.277	0.349	1.456	39.471	50.954	234.426	40.417	0.045		
30/10/2018	92.665	5.824	1.135	0.531	1.507	39.623	51.016	237.565	40.193	0.040		
31/10/2018	92.657	5.824	1.158	0.449	1.577	39.577	50.957	233.756	37.514	0.035		

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<b>Mínimo</b>	90.675	5.355	0.982	0.343	1.4115	39.365	50.777	232.742	28.875	0.035		
<b>Promedios</b>	92.079	6.256	1.226	0.504	1.621451613	39.828	51.058	245.228	36.798	0.115		
<b>Máximo</b>	95.243	7.203	1.653	0.706	1.8153	40.519	51.538	255.768	43.505	0.197		
<b>Desv. Est.</b>	0.993	0.498	0.195	0.113	0.116082918	0.254	0.165	7.230	4.298	0.049		

Observaciones:

PERMISIONARIO: Centro Nacional de Control del Gas Natural  
 PUNTO DE MEDICIÓN: Chihuahua  
 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/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	temperatura de rocío de hidrocarburos (°C)	Humedad (mg/m <sup>3</sup> )	Acido sulfhídrico (mg/m <sup>3</sup> )	Oxígeno (% vol)	Azufre Total (mg/m <sup>3</sup> )
01/10/2018	90.4801	5.9621	0.9500	0.5048	1.5665	39.5615	50.8702	229.1576	32.6746	0.0348		
02/10/2018	89.8354	6.3735	0.9633	0.5192	1.5404	39.7749	50.9518	230.6223	32.5872	0.0339		
03/10/2018	90.0789	6.4537	0.9173	0.5056	1.4650	39.8891	51.0561	236.7153	32.5143	0.0541		
04/10/2018	90.4666	6.2430	0.8976	0.5475	1.4763	39.8666	50.9682	235.3669	32.7290	0.0858		
05/10/2018	90.6496	6.1363	0.8916	0.4393	1.4507	39.5756	50.8862	227.5793	34.7879	0.0736		
06/10/2018	90.9869	5.8050	1.0181	0.4644	1.5282	39.5205	50.8452	226.8973	32.7708	0.0656		
07/10/2018	89.8811	5.7759	0.9755	0.5444	1.5682	39.6414	50.9032	230.9859	33.8765	0.0654		
08/10/2018	90.2653	5.9370	1.0333	0.5115	1.6078	39.5402	50.7808	229.3076	29.7480	0.0903		
09/10/2018	90.8204	5.8642	1.0417	0.5209	1.5950	39.5589	50.7679	229.1429	29.4886	0.0644		
10/10/2018	90.8099	5.6452	0.9215	0.4042	1.4363	39.4875	50.8222	229.4668	29.7363	0.0766		
11/10/2018	90.6100	5.4822	0.8616	0.3932	1.2888	39.3975	50.8236	248.5547	32.1956	0.0435		
12/10/2018	89.7241	6.2481	0.9324	0.3308	1.2778	39.9937	51.2045	251.7399	33.5705	0.0573		
13/10/2018	90.3935	5.8675	0.9858	0.3397	1.3514	39.5721	50.9670	248.1170	34.8249	0.0802		
14/10/2018	90.2189	5.7745	1.0176	0.3398	1.3943	39.6194	51.0042	248.6192	32.3064	0.0907		
15/10/2018	91.0261	5.3526	0.9954	0.2521	1.2609	39.3738	50.8828	245.9537	30.0968	0.0652		
16/10/2018	91.2770	5.6988	1.0046	0.2940	1.3453	39.5555	50.9430	245.8622	28.2002	0.0626		
17/10/2018	91.5646	5.5115	0.9984	0.3013	1.3771	39.3802	50.7972	245.1647	26.1743	0.0940		
18/10/2018	91.3096	5.2125	1.2006	0.2571	1.5325	39.0714	50.6121	234.5253	26.1821	0.0637		
19/10/2018	91.2424	5.3814	1.1643	0.3090	1.5322	39.4043	50.7232	247.2130	27.6648	0.0592		
20/10/2018	91.2493	5.4727	1.1858	0.2194	1.6643	39.0178	50.5412	220.6059	29.7985	0.0305		
21/10/2018	91.3730	5.4253	1.2505	0.1581	1.6592	38.9578	50.5187	222.4852	28.8667	0.0631		
22/10/2018	91.4600	5.2306	1.1296	0.1567	1.5638	38.9479	50.5086	229.8137	29.8092	0.0613		
23/10/2018	92.0498	5.0015	1.2391	0.1579	1.5993	38.9063	50.4887	225.0225	26.5775	0.0714		
24/10/2018	91.5269	4.9401	0.9295	0.1423	1.4500	38.9140	50.5292	231.0179	26.7981	0.0401		
25/10/2018	91.4544	4.9069	0.9375	0.3465	1.4796	39.0585	50.5824	236.6356	31.0141	0.0244		
26/10/2018	91.0769	5.0836	1.1401	0.3071	1.5082	39.1534	50.5926	230.3016	29.5741	0.0259		
27/10/2018	90.8842	5.5424	1.1124	0.3205	1.4680	39.4637	50.7987	232.7304	30.0376	0.0246		
28/10/2018	91.3665	3.5335	1.1098	0.1621	1.4608	38.3502	50.3082	200.2447	31.4931	0.0247		
29/10/2018	92.2420	3.2506	0.9389	0.1580	1.1547	38.2840	50.3032	199.1748	32.8000	0.0236		
30/10/2018	91.7075	5.0290	0.8282	0.2964	1.3541	39.2783	50.7797	232.5141	34.1593	0.0225		
31/10/2018	91.7075	5.0761	0.9606	0.3529	1.3758	39.2544	50.7107	225.2635	28.5927	0.0225		

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<b>Mínimo</b>	89.7241	3.2506	0.8282	0.1423	1.1547	38.2840	50.3032	199.1748	26.1743	0.0225		
<b>Promedios</b>	90.9593	5.4586	1.0172	0.3405	1.4623	39.3345	50.7571	232.4775	30.6984	0.0547		
<b>Máximo</b>	92.2420	6.4537	1.2505	0.5475	1.6643	39.9937	51.2045	251.7399	34.8249	0.0940		
<b>Desv. Est.</b>	0.6505	0.7007	0.1132	0.1300	0.1224	0.4001	0.2143	12.2934	2.5592	0.0230		

Observaciones: