

Day

PERMISIONARIO: Kinder Morgan Gas Natural Mexico, S. de R.L. de C.V.
PUNTO DE MEDICIÓN: PEMEX/KMGNM Estación M1: 40572
ZONA DE MEDICIÓN: RESTO DEL PAÍS

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocío (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
01/01/2016	96,1862	1,8691	0,0960	1,9652	1,3968	269,3900	48,2100	37,8175	49,3800	1,3600		
02/01/2016	96,2692	1,8681	0,0960	1,9642	1,3422	268,2000	44,7300	37,7796	49,3600	1,5200		
03/01/2016	96,2106	1,8343	0,0963	1,9306	1,4166	268,0100	45,0900	37,8265	49,4100	1,7200		
04/01/2016	96,2916	1,8196	0,0963	1,9159	1,3503	268,6100	45,9600	37,8144	49,4100	1,5100		
05/01/2016	96,3367	1,8265	0,0953	1,9219	1,3126	268,5800	48,5800	37,7917	49,3900	1,4200		
06/01/2016	96,3529	1,8086	0,0956	1,9042	1,3043	268,8300	49,2700	37,8038	49,4100	1,4400		
07/01/2016	96,3191	1,8085	0,0967	1,9053	1,3404	269,1100	48,4400	37,8116	49,4200	1,3600		
08/01/2016	96,2550	1,8379	0,0966	1,9346	1,3685	269,1400	30,3800	37,8133	49,4000	1,3800		
09/01/2016	96,1821	1,8399	0,0989	1,9388	1,4228	269,0200	25,3000	37,8376	49,4100	1,2300		
10/01/2016	95,8220	1,7697	0,1040	1,8738	1,8468	268,1600	19,4800	37,9814	49,5400	0,6200		
11/01/2016	95,9377	1,7570	0,1052	1,8623	1,7778	267,3700	18,9900	37,9382	49,5200	0,9000		
12/01/2016	95,1826	1,5704	0,1271	1,6976	2,6746	267,3500	21,0000	38,2711	49,8300	0,3200		
13/01/2016	94,9446	1,3644	0,1494	1,5139	3,1054	265,6200	24,4200	38,4488	50,0700	0,4200		
14/01/2016	95,5695	1,5702	0,1217	1,6919	2,3484	264,5800	22,7200	38,1303	49,7600	0,7200		
15/01/2016	95,6477	1,6979	0,1129	1,8108	2,1525	265,9700	35,6700	38,0334	49,6200	0,9600		
16/01/2016	95,4102	1,6649	0,1167	1,7817	2,3909	267,3300	52,9800	38,1368	49,7000	0,6100		
17/01/2016	95,5106	1,6272	0,1201	1,7474	2,3515	266,6100	45,4600	38,1158	49,7100	0,4700		
18/01/2016	95,5893	1,6576	0,1173	1,7750	2,2325	266,5900	43,0900	38,0822	49,6700	0,7200		
19/01/2016	95,5158	1,5945	0,1199	1,7145	2,3619	266,5500	45,8500	38,1430	49,7500	0,7800		
20/01/2016	95,5317	1,6143	0,1183	1,7326	2,3178	267,5700	48,7000	38,1338	49,7300	0,8800		
21/01/2016	95,5052	1,6123	0,1202	1,7326	2,3598	267,4300	53,2700	38,1345	49,7300	0,8800		
22/01/2016	95,4917	1,6017	0,1192	1,7209	2,3871	267,6200	46,3900	38,1455	49,7400	0,6900		
23/01/2016	95,5148	1,6001	0,1199	1,7200	2,3567	266,5600	41,6200	38,1402	49,7400	0,6300		
24/01/2016	95,5066	1,5707	0,1251	1,6959	2,4031	266,4900	41,3600	38,1533	49,7700	0,5600		
25/01/2016	95,5212	1,5875	0,1250	1,7125	2,3576	267,5000	45,4500	38,1467	49,7500	0,7100		
26/01/2016	95,4191	1,5221	0,1294	1,6516	2,4966	267,3000	42,1200	38,2248	49,8400	0,5900		
27/01/2016	95,6097	1,5665	0,1221	1,6887	2,2356	267,8500	33,3000	38,1607	49,7700	0,6000		
28/01/2016	95,8173	1,6151	0,1158	1,7309	1,9992	268,7700	40,1200	38,0733	49,6900	0,9700		
29/01/2016	95,5539	1,6101	0,1217	1,7319	2,2562	269,4000	37,5700	38,1511	49,7400	0,8900		
30/01/2016	95,8667	1,5413	0,1164	1,6578	2,0198	269,5000	37,5500	38,1123	49,7700	0,7000		
31/01/2016	96,5819	1,3370	0,1065	1,4436	1,5053	269,3600	31,3400	38,0595	49,8800	1,1800		

Mínimo	94,9446	1,3370	0,0953	1,4436	1,3043	264,5800	18,9900	37,7796	49,3600	0,3200
Promedio	95,7888	1,6634	0,1130	1,7764	2,0062	267,7539	39,1745	38,0391	49,6423	0,9271
Máximo	96,5819	1,8691	0,1494	1,9652	3,1054	269,5000	53,2700	38,4488	50,0700	1,7200
Desv. Est.	0,404907968	0,139690851	0,013294406	0,128773597	0,49826711	1,242107557	10,26032808	0,170951421	0,184096165	0,37888603

Observaciones:

Date	
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ZONA DE MEDICIÓN:	RESTO DEL PAÍS

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m³)	Poder Calorífico (MJ/m³)	Índice Wobbe (MJ/m³)	Acido Sulfidrico (mg/m³)
01/01/2016	96,3060	1,8998	0,0979	1,9959	1,4437	270,0100	51,6000	37,8539	49,4200	1,4500
02/01/2016	96,3440	1,8945	0,0978	1,9900	1,4788	268,7100	48,6000	37,8092	49,3700	1,7300
03/01/2016	96,3403	1,8748	0,0987	1,9712	1,6133	269,2200	47,0000	37,9359	49,6200	1,9200
04/01/2016	96,3693	1,8495	0,0995	1,9447	1,4391	269,5300	51,8900	37,8763	49,4700	1,6900
05/01/2016	96,4277	1,8650	0,0975	1,9606	1,3564	269,2500	51,3100	37,8204	49,4400	1,5000
06/01/2016	96,6138	1,9273	0,1043	2,0210	1,3829	269,7400	52,6500	37,8465	49,5700	1,5500
07/01/2016	96,3932	1,8506	0,0995	1,9478	1,3816	269,7700	60,7600	37,8353	49,4500	2,0100
08/01/2016	96,6283	1,9264	0,0996	2,0223	1,4425	270,1500	34,6100	37,8465	49,5700	2,3100
09/01/2016	96,5131	1,8964	0,1028	1,9964	1,6259	270,4200	29,9900	37,9210	49,5400	1,3600
10/01/2016	96,2582	1,8824	0,1166	1,9896	2,3266	269,5900	21,4800	38,1706	49,7900	1,2700
11/01/2016	96,3751	1,9683	0,1161	2,0702	2,8636	268,8600	20,3400	38,3010	49,8800	1,4900
12/01/2016	95,6975	1,6804	0,1570	1,8006	3,3633	268,7900	22,3100	38,5134	50,1600	0,4700
13/01/2016	95,6140	1,6423	0,1747	1,7758	3,4754	268,9100	30,6500	38,6252	50,2600	0,6500
14/01/2016	95,9544	1,7231	0,1366	1,8378	2,8871	265,5600	25,4700	38,3234	50,0300	0,8200
15/01/2016	95,7456	1,7253	0,1160	1,8350	2,2635	268,1600	47,5800	38,0812	49,6800	1,2400
16/01/2016	95,6807	1,7231	0,1209	1,8374	2,7208	268,8500	58,6600	38,2526	49,8400	0,9000
17/01/2016	95,8176	1,7262	0,1259	1,8497	2,5573	268,9700	50,0300	38,1855	49,8500	0,5500
18/01/2016	95,7412	1,7126	0,1246	1,8271	2,6041	267,4300	44,6800	38,2303	49,8200	0,8900
19/01/2016	95,7893	1,6453	0,1240	1,7645	2,5104	267,9200	47,9000	38,1744	49,8500	0,9900
20/01/2016	95,7634	1,6782	0,1248	1,7925	2,4894	268,4100	50,0800	38,1930	49,8200	1,0900
21/01/2016	95,7775	1,7599	0,1250	1,8732	2,5933	268,4700	58,6400	38,2154	49,8200	1,1100
22/01/2016	95,8111	1,7041	0,1253	1,8228	3,3134	268,3500	50,1000	38,4799	50,0900	1,0000
23/01/2016	95,7300	1,6357	0,1237	1,7569	2,5406	268,0900	43,3800	38,2116	49,8000	0,8000
24/01/2016	95,6517	1,6124	0,1277	1,7366	2,5525	267,9400	44,6900	38,2004	49,8200	0,7200
25/01/2016	95,6722	1,6591	0,1298	1,7830	2,6957	268,8900	50,8200	38,2750	49,9100	0,8900
26/01/2016	95,5576	1,5507	0,1368	1,6766	2,6744	268,5200	52,0400	38,2824	49,9500	0,7500
27/01/2016	96,0431	1,7141	0,1332	1,8219	2,9964	269,2300	37,5700	38,4724	50,0200	0,8000
28/01/2016	96,0979	1,6854	0,1227	1,7953	2,2120	270,3300	43,0300	38,1669	49,9100	1,1100
29/01/2016	95,9238	1,6532	0,1292	1,7659	2,4937	271,6800	43,1400	38,2414	49,8200	1,0600
30/01/2016	96,5847	1,6628	0,1262	1,7793	2,6556	270,0200	45,7500	38,2899	50,0800	0,9800
31/01/2016	96,8790	1,5247	0,1160	1,6360	1,7061	270,3600	41,4200	38,1520	50,0900	1,2800

Máximo	96,8790	1,9683	0,1747	2,0702	3,4754	271,6800	60,7600	38,6252	50,2600	2,3100
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FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)
01/01/2016	96,0831	1,8457	0,0936	1,9405	1,3250	268,6300	43,3600	37,7683	49,3600	1,2000
02/01/2016	96,1276	1,8455	0,0939	1,9423	1,3065	267,6400	42,1900	37,7608	49,3400	1,4400
03/01/2016	96,0556	1,6257	0,0943	1,7244	1,2991	266,3200	42,9300	37,7720	49,3600	1,6200
04/01/2016	96,1843	1,7939	0,0921	1,8903	1,3093	267,7000	29,4900	37,7943	49,3800	1,3700
05/01/2016	96,2374	1,7747	0,0921	1,8713	1,2771	267,5400	40,6900	37,7608	49,3700	1,3000
06/01/2016	96,1566	1,6197	0,0924	1,7159	1,2267	267,3700	47,1900	37,7534	49,3100	1,3500
07/01/2016	96,2667	1,7800	0,0930	1,8777	1,2870	268,6900	28,2800	37,7794	49,3900	1,2500
08/01/2016	96,0384	1,6036	0,0942	1,7032	1,2701	266,7500	24,4000	37,7720	49,3600	1,2300
09/01/2016	95,9470	1,6532	0,0942	1,7549	1,3282	266,8600	19,2500	37,7683	49,3400	0,8700
10/01/2016	95,2812	1,5650	0,0965	1,6816	1,3618	266,9900	16,6400	37,8055	49,3900	0,1700
11/01/2016	95,0712	1,5485	0,0959	1,6630	1,3410	266,1200	16,7600	37,7794	49,2900	0,3700
12/01/2016	94,7420	1,2845	0,1128	1,4415	2,2324	266,2200	19,0900	38,1148	49,7000	0,2000
13/01/2016	94,5718	1,0638	0,1277	1,2355	2,7814	261,6000	20,8700	38,2452	49,8700	0,1900
14/01/2016	95,1517	1,3227	0,1089	1,4545	2,0609	263,2500	20,1800	38,0253	49,6100	0,6200
15/01/2016	95,5696	1,6442	0,1097	1,7585	2,0595	264,7800	21,9000	37,9769	49,5700	0,8100
16/01/2016	95,2076	1,5591	0,1114	1,6754	2,0819	266,2600	48,2200	38,0402	49,6100	0,4100
17/01/2016	95,2864	1,4573	0,1164	1,5828	2,1919	264,1500	41,3300	38,0030	49,5800	0,4200
18/01/2016	95,2682	1,5714	0,1117	1,6946	2,0503	265,6000	42,1000	38,0104	49,6100	0,3700
19/01/2016	95,3815	1,4453	0,1160	1,5643	2,2553	264,3600	42,6100	38,0887	49,7000	0,4600
20/01/2016	95,3950	1,4959	0,1125	1,6167	2,1979	266,1900	46,1800	38,0887	49,6600	0,6700
21/01/2016	95,3444	1,5494	0,1133	1,6714	1,9464	266,5600	48,4100	37,9657	49,5400	0,6700
22/01/2016	94,7889	1,3840	0,1144	1,5093	1,9732	266,6000	40,9900	37,9918	49,5900	0,3100
23/01/2016	95,2844	1,5458	0,1161	1,6651	2,1657	265,1500	38,0600	38,0663	49,6800	0,5100
24/01/2016	95,3748	1,5439	0,1225	1,6686	2,2478	265,4300	38,0700	38,0812	49,7100	0,4600
25/01/2016	95,3020	1,4742	0,1206	1,6040	2,1365	266,7500	40,5600	38,0589	49,6600	0,4200
26/01/2016	95,2199	1,4078	0,1235	1,5446	2,3308	266,3100	34,6100	38,1744	49,8000	0,4800
27/01/2016	94,8198	1,4340	0,1078	1,5670	1,6696	266,3900	31,1800	37,9694	49,5800	0,4400
28/01/2016	95,6335	1,3914	0,1099	1,5105	1,8452	265,9900	37,8500	38,0253	49,6300	0,6800
29/01/2016	95,2962	1,5719	0,1127	1,6956	1,8319	268,6400	33,5000	38,0402	49,6500	0,6400
30/01/2016	95,2315	1,1377	0,1096	1,2540	1,6330	268,9300	25,7600	37,9769	49,6200	0,3900
31/01/2016	96,2114	1,1098	0,1009	1,2258	1,3294	268,0400	22,9900	38,0142	49,7400	1,0700

Mínimo	94,5718	1,0638	0,0921	1,2258	1,2267	261,6000	16,6400	37,7534	49,2900	0,1700
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