Expansión de la Red de Monitoreo de Calidad del Aire REDSPIRA

Redspira - Fundación para la Investigación de la Calidad del Aire, A.C.
Air Pollution Control District & Imperial - Mexicali Air Quality Task Force

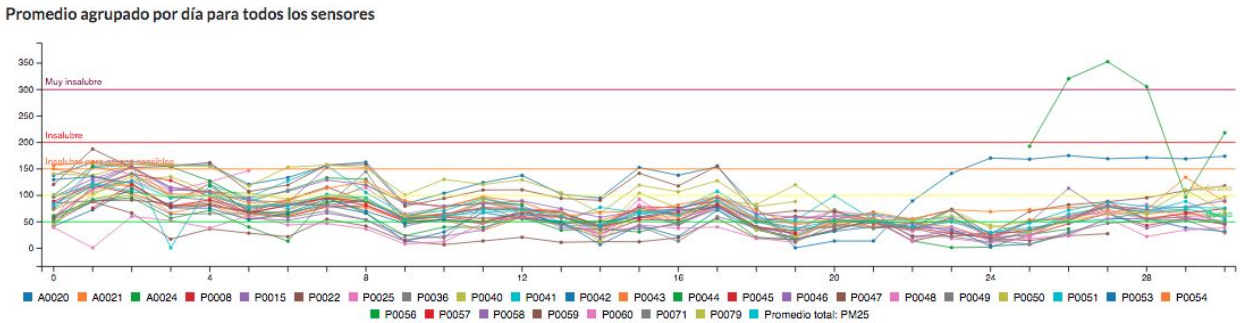
BORDER 2020 SOLTA-C-19-008

REPORTE ENERO

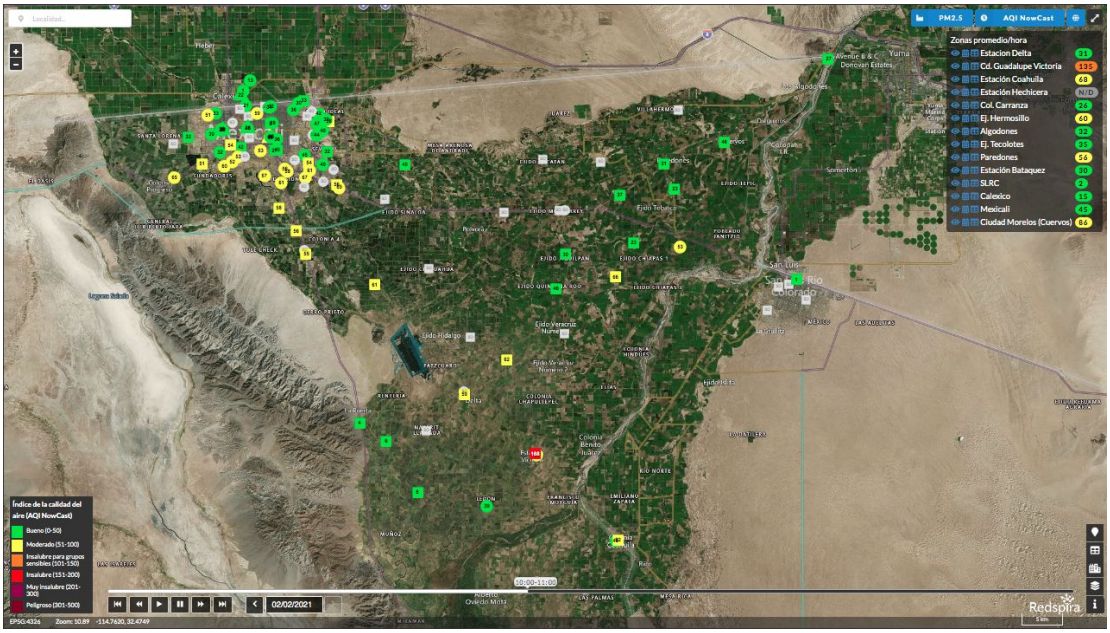
Información procesada utilizando el método AQI NOWCAST

Resumen

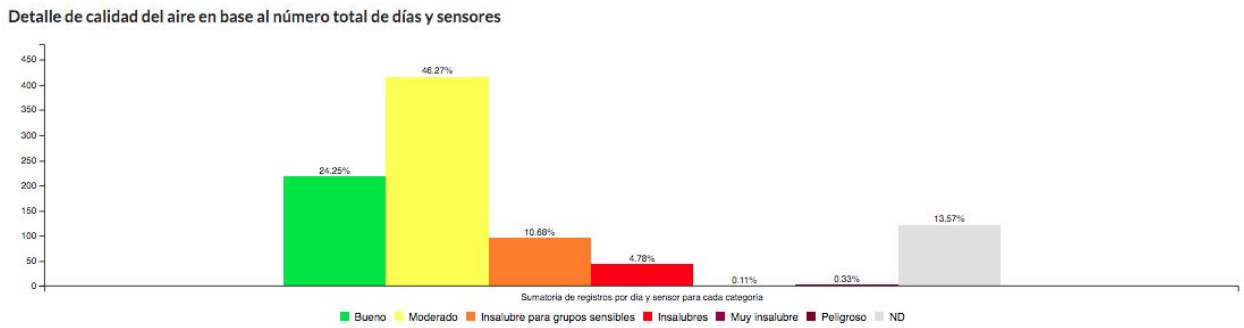
A finales de diciembre e inicios de enero se realizó el mantenimiento operativo correspondiente a cada sensor. Durante el mes de enero se deshabilitó 1 sensor debido a un daño electrónico causado por elevación de voltajes. Adicionalmente, 9 sensores no alcanzaron la suficiencia del 75% de datos disponibles debido a pérdida de corriente, desconexión del dispositivo y/o saturación del sensor óptico. Por otra parte, a finales de mes, las ubicaciones Ej. Paredones, Ej. Yucatán, Ej. Nayarit, Ej. Cuernavaca, Ej. Lázaro Cárdenas, Ej. Querétaro y Ej. Mérida, perdieron conexión a Internet debido a problemas ocasionados por las condiciones climáticas.



Comportamiento mensual para el conjunto de sensores



Distribución geográfica de los sensores al mes de Enero 2021



En la gráfica anterior se muestran los promedios diarios de calidad del aire para el conjunto de sensores en la red. Se puede observar que durante el mes de enero se presentó una calidad del aire mayormente *moderada* (46.27%), y en menor medida *buena* (24.25%), *insalubre para grupos sensibles (10.68%)* e *insalubre* (4.78%). El incremento de la mala calidad del aire se debe principalmente a la disminución de la temperatura y el incremento de fogatas y quemas agrícolas. Se obtuvo un 13.57% de datos no disponibles, debido a las causantes antes descritas.

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
A0020 - Km. 43, Guadalupe Victoria	137	167	167	157	157	120	133	156	152	83	103	123	137	101	94	152	137	153	75	0	13	13	88	140	169	167	174	168	170	168	173	**127**
A0021 - Paredones	149	136	115	66	81	54	62	79	76	51	53	33	58	45	52	72	61	80	56	28	-	-	-	-	-	-	-	-	-	-	-	**70**
A0024 - Ejido Yucatán	61	87	95	56	71	39	13	95	65	23	39	39	58	33	36	30	48	73	20	15	33	54	13	1	1	25	36	-	-	-	-	**43**
P0008 - Ejido México	88	118	102	77	80	66	59	77	80	49	53	46	60	45	27	52	53	80	34	20	49	52	39	27	20	24	46	65	42	56	44	**56**
P0015 - Ejido Tabasco	79	-	-	-	-	56	52	66	53	16	22	34	74	38	34	36	44	78	38	26	54	67	19	33	22	48	112	65	37	53	52	**48**
P0022 - Islas Agrarias B	84	89	90	84	121	67	91	115	87	56	65	74	71	68	40	76	63	78	38	33	41	57	22	21	29	30	53	77	66	69	46	**65**
P0025 - Rancho Roa	52	134	139	107	125	146	-	92	113	64	77	96	74	70	24	92	42	76	55	49	70	60	52	18	9	21	62	65	82	54	60	**73**
P0036 - Ejido Nayarit	43	117	153	114	105	72	84	80	144	41	56	85	70	66	38	68	43	83	40	32	72	36	46	52	-	-	-	-	-	-	-	**72**
P0040 - Ejido Choropo	72	104	127	134	105	103	92	82	119	87	77	94	71	71	27	103	75	90	82	119	67	55	33	71	38	51	60	79	63	73	96	**81**
P0041 - Estación Delta	74	151	137	0	118	95	126	139	105	62	70	92	80	48	76	66	74	97	56	52	98	53	40	72	15	29	63	77	69	73	61	**78**
P0042 - Ejido Cucapá Indígena	41	72	113	80	83	67	67	80	66	12	30	66	56	50	6	43	21	71	35	17	31	40	39	36	3	7	27	55	55	38	31	**46**
P0043 - Ejido Jiquilpan	96	118	118	77	87	59	71	96	85	61	62	55	56	58	38	57	59	97	53	24	46	40	47	39	18	53	54	72	56	64	61	**64**
P0044 - Ejido Nuevo León	99	154	139	153	126	88	109	132	129	58	77	86	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**112**
P0045 - Ejido Guerrero	58	111	139	127	96	67	80	94	88	55	63	76	74	65	43	78	76	89	46	60	53	46	34	57	23	35	51	88	54	65	74	**70**
P0046 - Ejido Toluca	83	124	152	113	104	90	86	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**113**
P0047 - Estación Coahuila	120	187	191	154	161	106	118	156	137	79	93	109	110	93	90	141	117	136	62	70	68	52	54	71	26	69	81	87	95	108	117	**105**
P0048 - Michoacán de Ocampo	57	109	127	102	97	76	85	78	90	52	62	86	73	69	19	80	58	76	51	46	52	51	31	53	20	24	59	68	55	59	61	**65**
P0049 - Ejido Colima	74	118	140	96	90	75	81	81	88	56	59	56	62	60	33	58	48	92	51	38	39	47	37	21	11	33	52	81	54	58	45	**62**
P0050 - Ejido Cuernavaca	140	136	158	156	153	117	154	156	151	100	129	120	128	104	66	118	106	127	78	87	-	-	-	-	-	-	-	-	-	-	-	**124**
P0051 - Ciudad Morelos	95	121	106	96	99	93	73	101	90	53	60	67	70	43	43	64	72	107	62	20	60	64	54	56	28	38	49	54	68	88	55	**69**
P0053 - Ejido Lázaro Cárdenas	129	134	122	76	75	53	66	93	69	46	53	48	66	47	49	58	71	77	38	18	-	-	-	-	-	-	-	-	-	-	-	**69**
P0054 - Poblado Benito Juárez (Tecolotes)	156	162	152	98	106	85	89	113	125	89	76	96	87	59	67	69	81	98	71	43	53	66	54	72	68	72	76	80	72	133	87	**89**
P0056 - DAGAL Bataquez	57	91	107	-	117	68	63	87	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	196	213	211	204	96	211	**154**
P0057 - Ejido Querétaro	-	75	120	78	91	66	81	95	80	53	59	49	68	58	40	56	67	83	40	27	-	-	-	-	-	-	-	-	-	-	-	**68**
P0058 - Ejido Quintana Roo	97	130	154	109	107	94	106	128	118	84	79	83	89	74	58	69	73	95	65	57	60	52	46	31	16	49	57	79	72	77	89	**81**
P0059 - Ejido Mérida	54	87	66	16	36	28	21	54	41	13	6	13	20	10	12	11	19	55	18	16	35	52	19	28	18	14	23	27	-	-	-	**29**
P0060 - Algodones	39	0	59	52	37	61	43	46	36	7	12	46	57	61	19	43	37	39	18	10	62	53	13	40	13	18	23	56	21	34	38	**35**
P0071 - Colonia La Puerta	48	88	100	63	64	65	57	70	53	23	19	78	54	44	19	41	12	59	39	11	44	38	40	73	15	7	30	45	52	52	28	**46**
P0079 - Ejido Durango	44	100	135	98	98	79	86	98	91	59	59	89	69	65	11	72	59	90	34	20	53	53	51	60	43	29	52	64	67	110	68	**68**
Promedio día	**83**	**116**	**126**	**94**	**100**	**78**	**80**	**100**	**95**	**53**	**60**	**72**	**73**	**60**	**41**	**69**	**62**	**88**	**48**	**36**	**52**	**50**	**39**	**49**	**29**	**47**	**71**	**86**	**78**	**76**	**75**	**71**

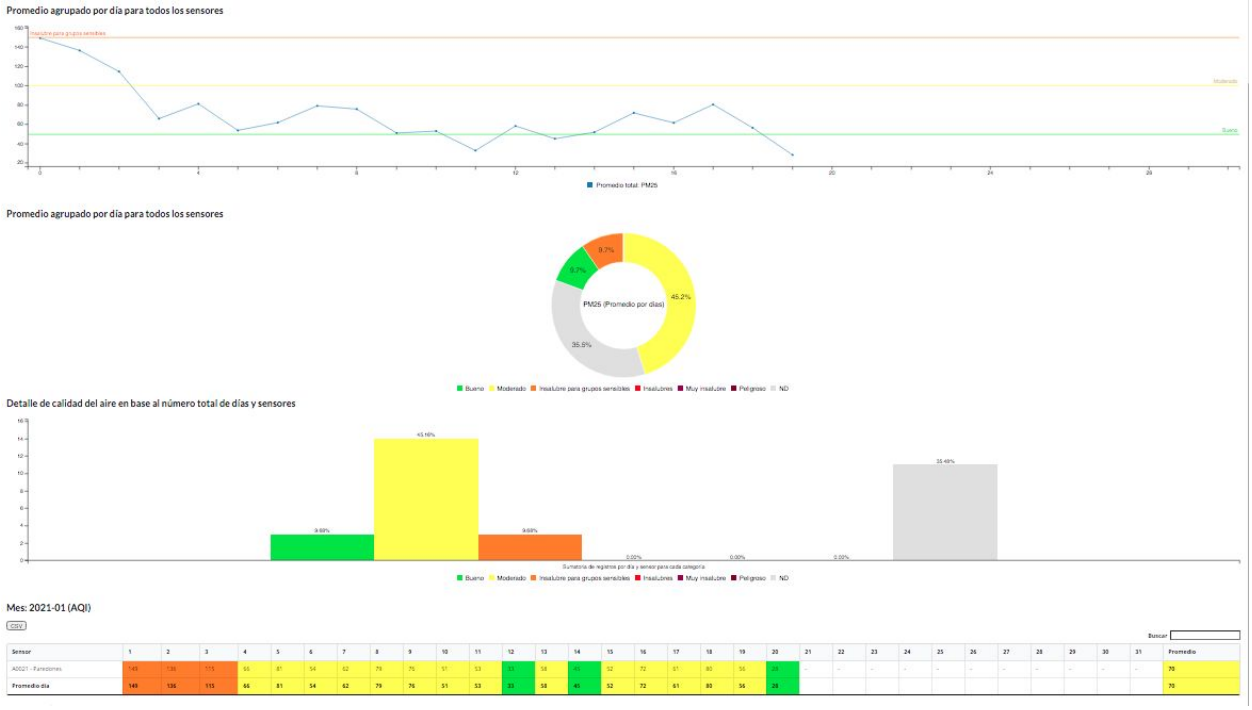
En la gráfica anterior se muestran los promedios diarios de datos válidos para los sensores durante el mes de enero 2021. Se observa cómo se ha estabilizado la disponibilidad de datos, principalmente en los primeros días del mes, lo cual se debe al mantenimiento operativo de los dispositivos. Una de las causas principales de la pérdida de datos en varios sensores fue por las malas condiciones climáticas que se presentaron a finales del mes y a la falta de disponibilidad para acudir a realizar el mantenimiento debido a la contingencia sanitaria.

Listado de voluntarios y sensores al mes de Enero 2020

ID	Voluntario	Ejido	Datos Válidos
A0020	Enrique	KM 43	90.1% 9.9%
A0023	Rene	Yucatán	72.8% 27.2%
P0015	Josue	Tabasco	80.8% 19.2%
P0036	Antonio	Nayarit	71.5% 28.5%
P0060	Jesus	Algodones	98.0 % 2.0%
P0059	Natalia	Mérida	86.8% 13.2%
P0058	Mario	Quintana Roo	99.7% 0.3%
P0057	Esther	Querétaro	58.3% 41.7%
P0056	Claudia	Bataquez	31.2% 68.8%
P0034	Marilynn	Chihuahua	ND
P0054	Evelia	Benito Juárez	98.8% 1.2%
P0053	Oswaldo	Lazaro Cardenas	64.2% 35.8%
P0043	José Roberto	Jiquilpan	99.7% 0.3%
P0051	Alejandro	Ciudad Morelos	96.2% 3.8%
A0021	José Roberto	Paredones	61.2% 38.8%
P0048	Claudia	Michoacán de Ocampo	97.7% 2.3%
P0050	Olivia	Cuernavaca	63.8% 36.2%
P0008	Maria Elvira	México	95.6% 4.4%
P0049	Edgar	Colima	98.5% 1.5%
P0046	Claudia	Toluca	76.3.8% 27.3%
P0047	Bianca	Estación Coahuila km 57	99.2% 0.8%
P0044	Juana	Nuevo León	40.6% 59.4%
P0045	Iván	Guerrero	98.9% 1.1%
P0042	Diana	Cucapá Indígena	99.9% 0.1%
P0041	Juan	Estación Delta	76.7% 23.3%
P0040	Ana Karen	Choropo	98.0% 2.0%
P0079	Jorge	Durango	99.6% 0.4%
P0022	Jesus A.	Islas Agrarias B	96.2% 3.8%
P0071	Ricardo	Colonia La Puerta	98.7% 1.3%
P0025	Alejandro	Rancho Roa	75.5% 24.5%

Se muestra en letra **ROJA** las ubicaciones que no cumplieron con el 75% de datos válidos

Ejido Paredones

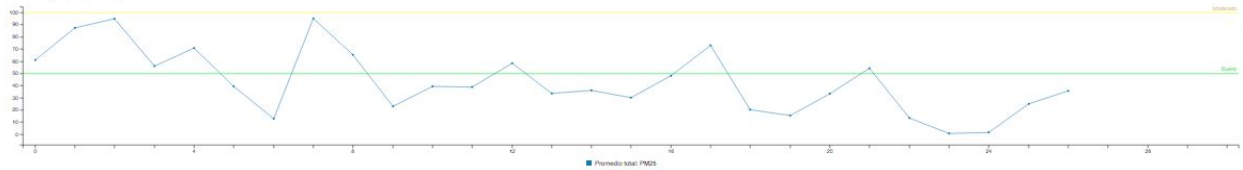


Validación de datos

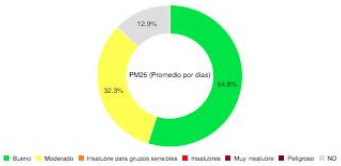
Datos Válidos 61.2% No Válidos: 38.8% .

Ejido Yucatán

Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores



Detalle de calidad del aire en base al número total de días y sensores

Mes: 2021-01 (AQI)

CSV

Buscar:

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
A0024 - Ejido Yucatán	61	87	95	56	71	29	13	95	65	23	39	39	58	33	36	30	48	73	22	15	33	54	13	1	1	25	36	-	-	-	-	41
Promedio día	**61**	**87**	**95**	**56**	**71**	**29**	**13**	**95**	**65**	**23**	**39**	**39**	**58**	**33**	**36**	**30**	**48**	**73**	**22**	**15**	**33**	**54**	**13**	**1**	**1**	**25**	**36**					**41**

Validación de datos

Mes: 2021-01

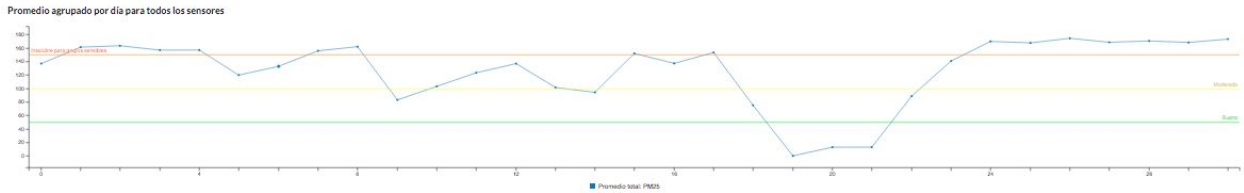
CSV PDF

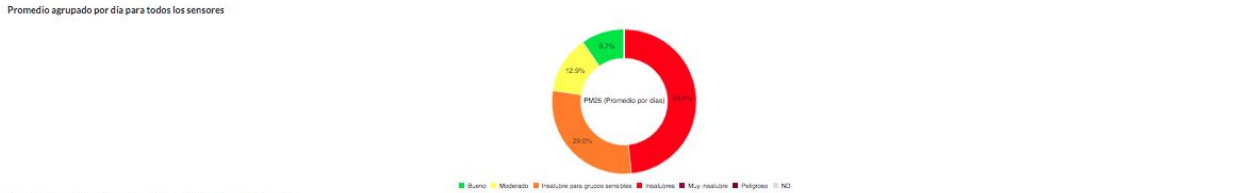
Buscar:

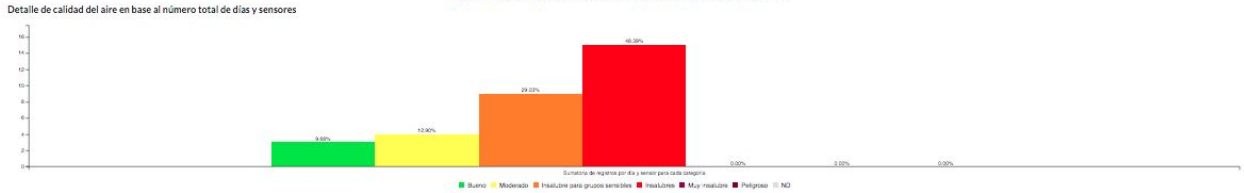
Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
A0024 - Ejido Yucatán																																
VA	100%	100%	100%	100%	54%	100%	27%	33%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	50%	100%	100%	100%	50%	25%	29%	33%	25%	0%	0%	0%	0%	**72.8%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
IO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

Datos Válidos 72.8% No Válidos: 27.2% .

Ejido Guadalupe Víctoria







Mes: 2021-01 (AQI)

CSV

Buscar

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
A0020 - Km. 43, Guadalupe Victoria	137	[illegible]	[illegible]	[illegible]	[illegible]	120	133	[illegible]	[illegible]	83	103	123	137	101	94	[illegible]	137	[illegible]	75	0	13	13	88	140	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	127
Promedio día	137	161	163	157	157	120	133	156	152	83	103	123	137	101	94	152	137	153	75	0	13	13	88	140	189	167	174	168	199	164	172	127

Validación de datos

Mes: 2021-01

CSV PDF

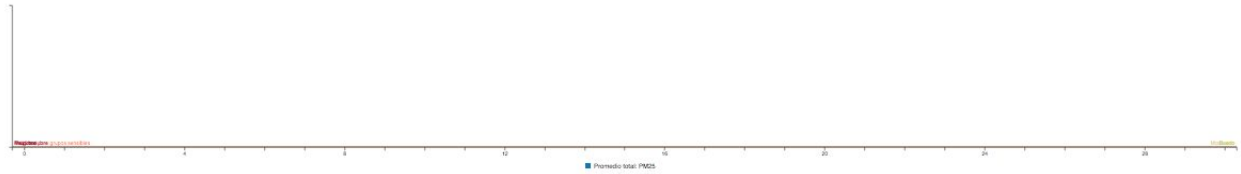
Buscar

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
A0020 - Km. 43, Guadalupe Victoria																																
V2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	46%	67%	25%	27%	42%	0%	0%	0%	0%	0%	0%	0%	**6.5%**
VA	100%	100%	100%	100%	100%	100%	100%	100%	75%	100%	96%	100%	100%	100%	100%	100%	96%	100%	75%	4%	33%	75%	75%	54%	100%	100%	100%	100%	100%	100%	100%	**90.1%**
V2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
D1	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
IC	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

Datos Válidos 90.1% No Válidos: 9.9% .

Ejido Chihuahua

Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores

Detalle de calidad del aire en base al número total de días y sensores

Mes: 2021-01 (AQI)

CSV

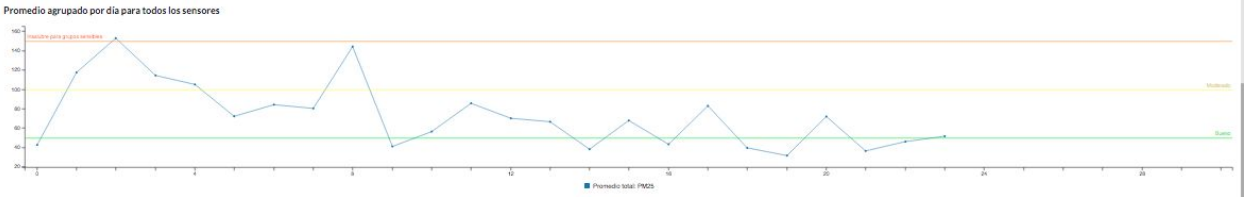
Buscar:

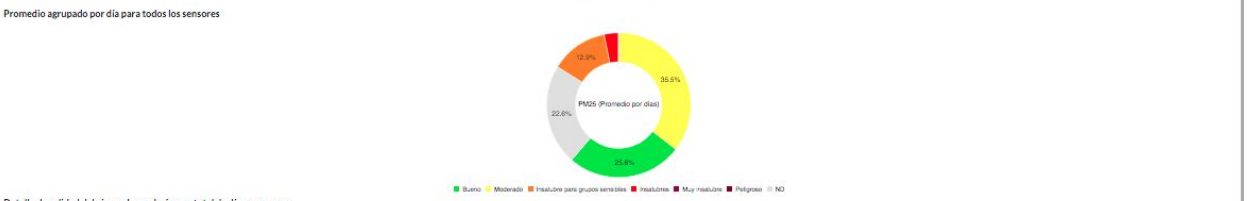
Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
-1 -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NaN
Promedio día																																NaN

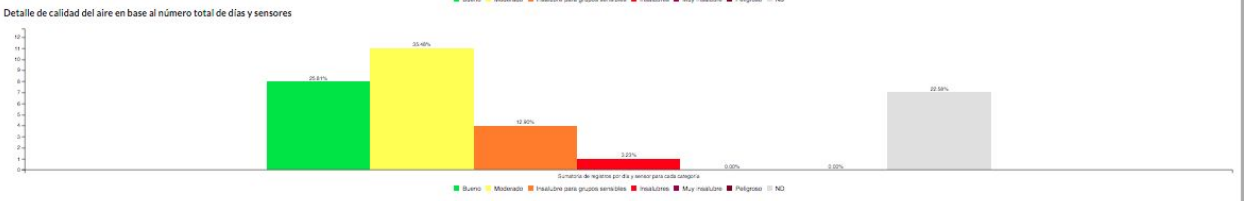
Validación de datos

Datos Válidos 0.0% No Válidos: 100.0% .

Ejido Nayarit







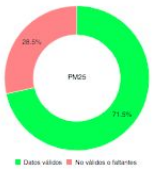
Mes: 2021-01 (AQI)

CSV

Buscar

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
PD036 - Ejido Nayarit	63	117	155	114	105	72	84	80	144	41	56	85	70	66	33	68	43	83	40	32	72	36	46	52	-	-	-	-	-	-	-	72
Promedio día	**63**	**117**	**155**	**114**	**105**	**72**	**84**	**80**	**144**	**41**	**56**	**85**	**70**	**66**	**33**	**68**	**43**	**83**	**40**	**32**	**72**	**36**	**46**	**52**								**72**

Validación de datos



Mes: 2021-01

CSV PDF

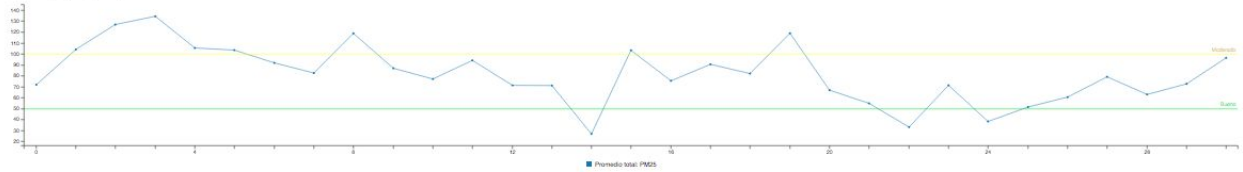
Buscar

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
PD036 - Ejido Nayarit																																
VA	96%	100%	100%	88%	96%	100%	96%	71%	96%	100%	100%	96%	96%	100%	100%	100%	100%	100%	96%	29%	92%	100%	96%	71%	0%	0%	0%	0%	0%	0%	0%	**71.5%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
IO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

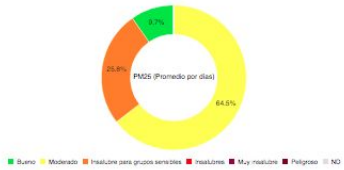
Datos Válidos 71.5% No Válidos: 28.5% .

Ejido Choropo

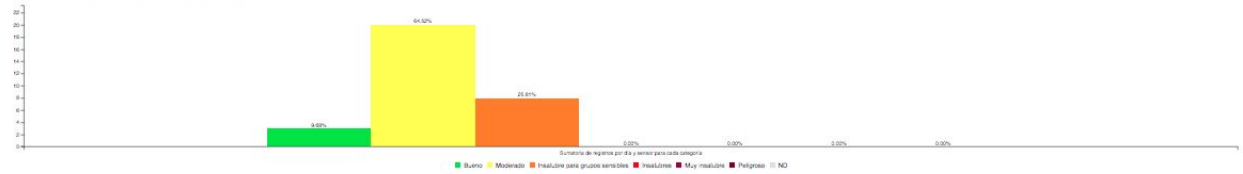
Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores



Detalle de calidad del aire en base al número total de días y sensores



Mes: 2021-01 (AQI)

CSV

Buscar:

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
F0040 - Ejido Choropo	72	104	127	134	105	103	92	82	119	87	77	94	71	71	27	103	75	90	82	119	67	55	33	71	35	51	60	79	63	73	96	81
Promedio día	72	104	127	134	105	103	92	82	119	87	77	94	71	71	27	103	75	90	82	119	67	55	33	71	35	51	60	79	63	73	96	81

Validación de datos

Mes: 2021-01

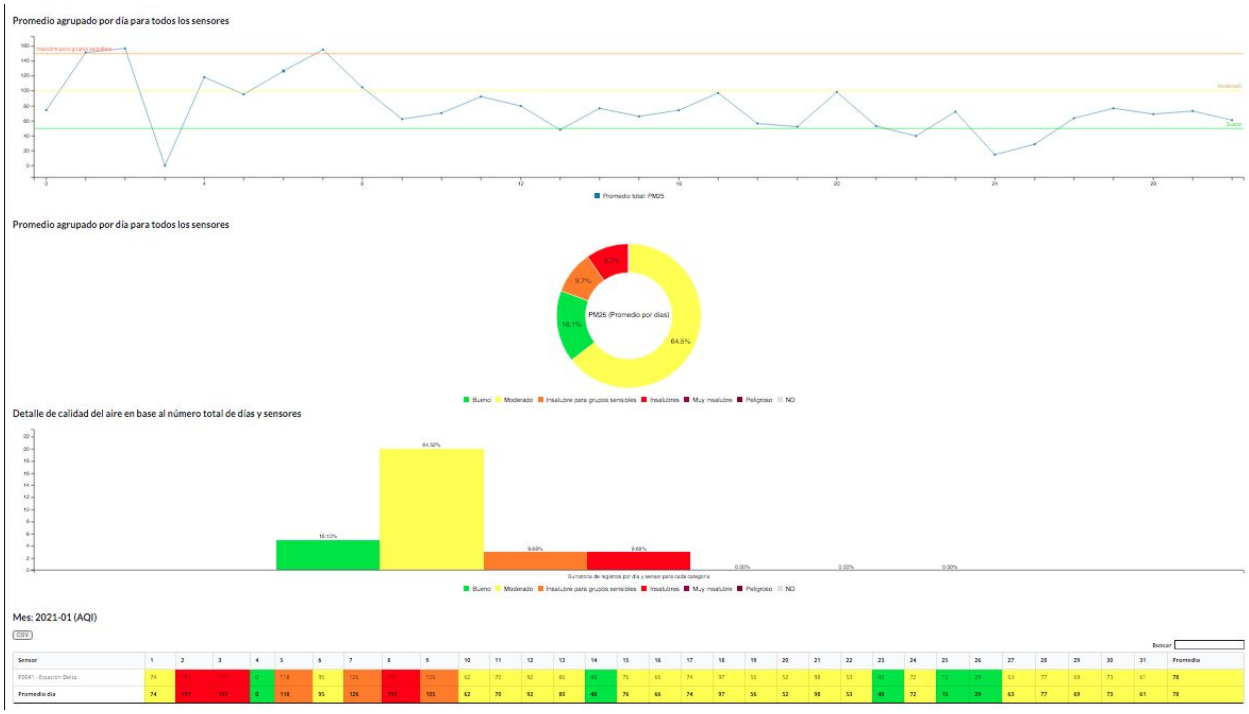
CSV PDF

Buscar:

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
F0040 - Ejido Choropo																																
VA	96%	100%	96%	100%	100%	100%	100%	96%	96%	100%	100%	100%	100%	92%	100%	100%	100%	96%	96%	100%	100%	96%	96%	100%	77%	100%	100%	100%	100%	100%	100%	**98.0%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
ID	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

Datos Válidos 98.0% No Válidos: 2.0% .

Estación Delta



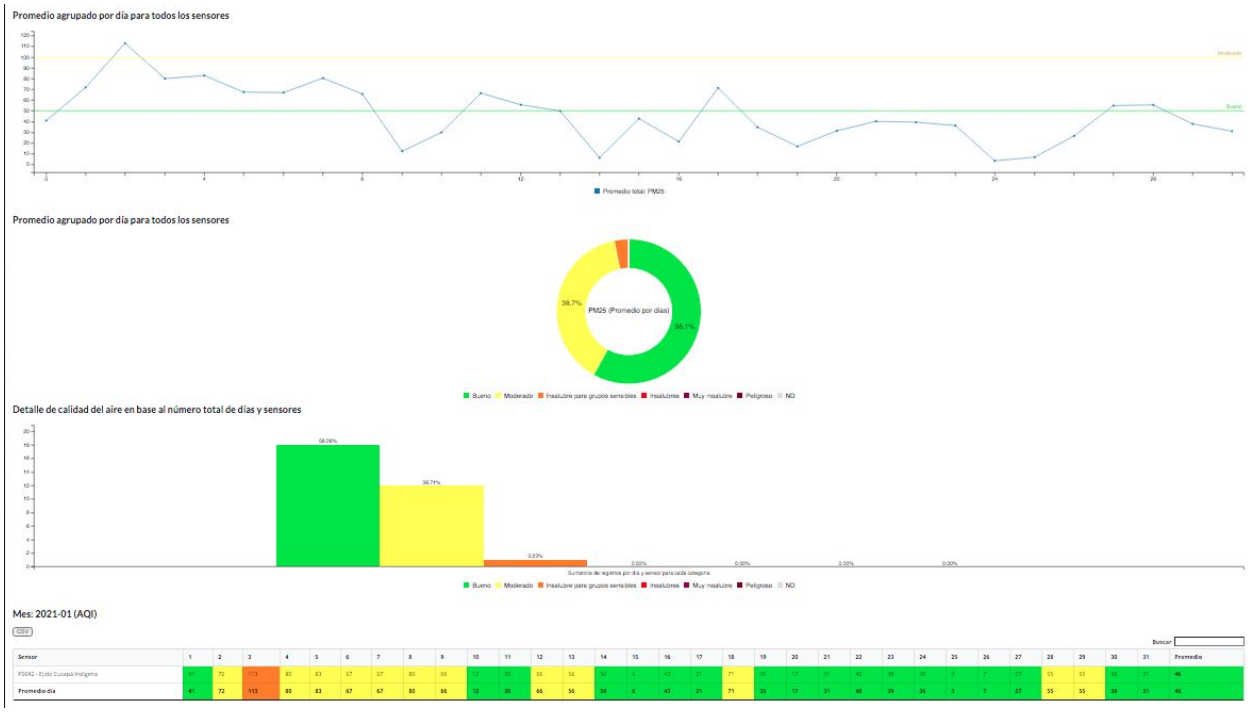
Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
F0041 - Estación Delta	74	[illegible]	[illegible]	[illegible]	118	95	126	[illegible]	105	62	70	92	80	48	76	66	74	97	56	52	98	53	40	72	15	29	63	77	69	73	61	78
Promedio día	74	[illegible]	[illegible]	[illegible]	118	95	126	[illegible]	105	62	70	92	80	48	76	66	74	97	56	52	98	53	40	72	15	29	63	77	69	73	61	78

Validación de datos

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
F0041 - Estación Delta																																
VA	100%	100%	100%	100%	88%	79%	29%	13%	38%	100%	100%	100%	83%	29%	29%	63%	100%	100%	96%	79%	4%	25%	25%	100%	100%	100%	100%	100%	100%	100%	100%	**76.7%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
ID	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

Datos Válidos 76.7% No Válidos: 23.3% .

Ejido Cucapah Indigena

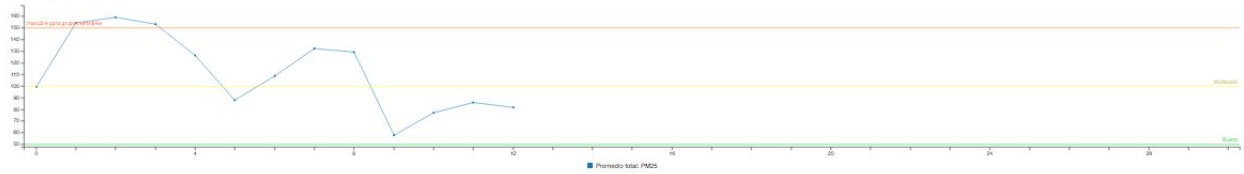


Validación de datos

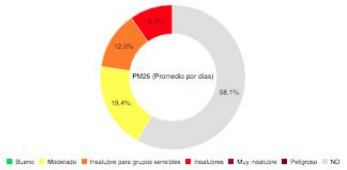
Datos Válidos 99.3% No Válidos: 0.7% .

Ejido Nuevo León

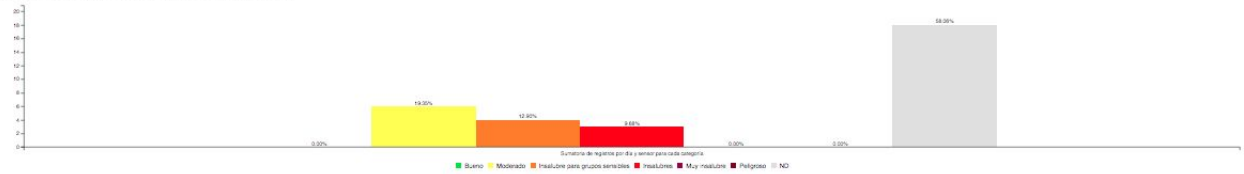
Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores



Detalle de calidad del aire en base al número total de días y sensores



Mes: 2021-01 (AQI)

CSV

Buscar

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
P0044 - Ejido Nuevo León	99	104	119	103	126	88	109	132	129	58	77	86	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	112
Promedio día	**99**	**104**	**119**	**103**	**126**	**88**	**109**	**132**	**129**	**58**	**77**	**86**	**82**																			**112**

Validación de datos

Mes: 2021-01

CSV PDF

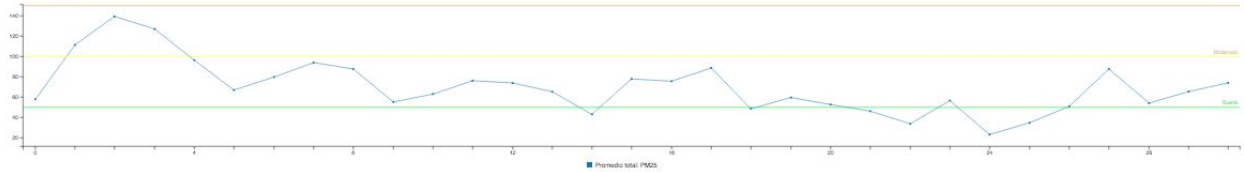
Buscar

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
P0044 - Ejido Nuevo León																																
VA	100%	100%	100%	88%	100%	100%	100%	100%	100%	100%	100%	100%	70%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**40.6%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
IO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

Datos Válidos 40.6% No Válidos: 59.4% .

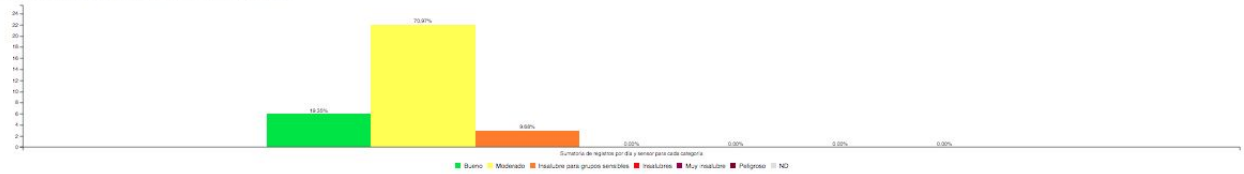
Ejido Guerrero

Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores

Detalle de calidad del aire en base al número total de días y sensores



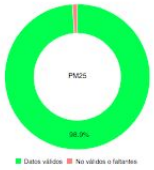
Mes: 2021-01 (AQI)

CSV

Buscar

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
F0045 - Ejido Guerrero	58	111	139	127	96	67	80	94	88	55	63	75	74	65	43	78	76	89	48	60	53	46	34	57	23	35	51	88	54	65	74	70
Promedio día	**58**	**111**	**139**	**127**	**96**	**67**	**80**	**94**	**88**	**55**	**63**	**75**	**74**	**65**	**43**	**78**	**76**	**89**	**48**	**60**	**53**	**46**	**34**	**57**	**23**	**35**	**51**	**88**	**54**	**65**	**74**	**70**

Validación de datos



Mes: 2021-01

CSV PDF

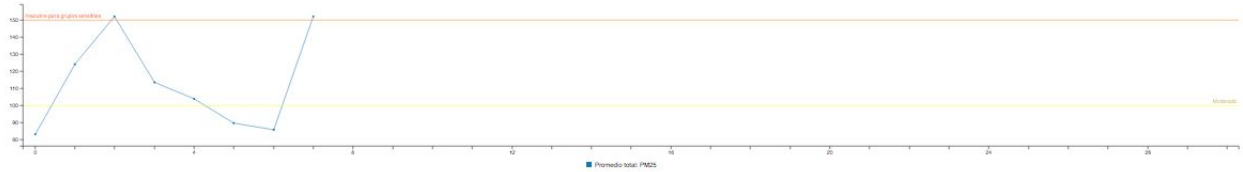
Buscar

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
F0045 - Ejido Guerrero																																
VA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	**98.9%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
ID	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

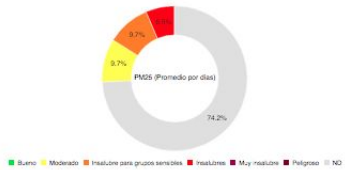
Datos Válidos 98.9% No Válidos: 1.1% .

Ejido Toluca

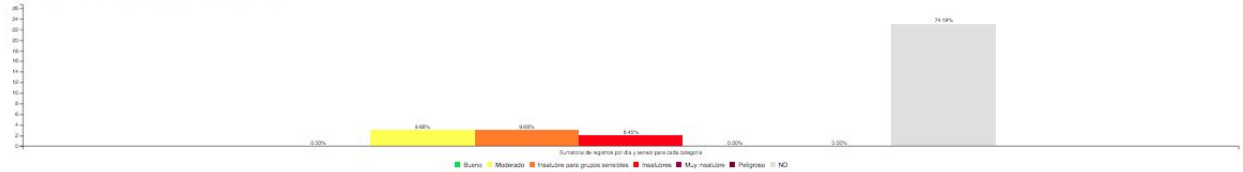
Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores



Detalle de calidad del aire en base al número total de días y sensores



Mes: 2021-01 (AQI)

CSV

Buscar:

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
F0046 - Ejido Toluca	83	124	[illegible]	113	104	90	86	[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113
Promedio día	83	124	[illegible]	113	104	90	86	[illegible]																								113

Validación de datos

Mes: 2021-01

CSV PDF

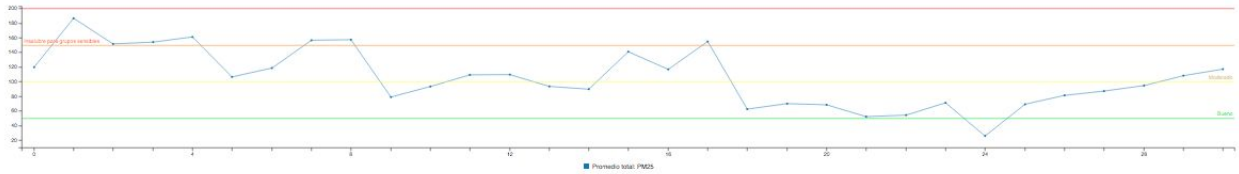
Buscar:

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
F0046 - Ejido Toluca																																
VA	96%	100%	100%	100%	96%	100%	100%	42%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**23.7%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
IO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

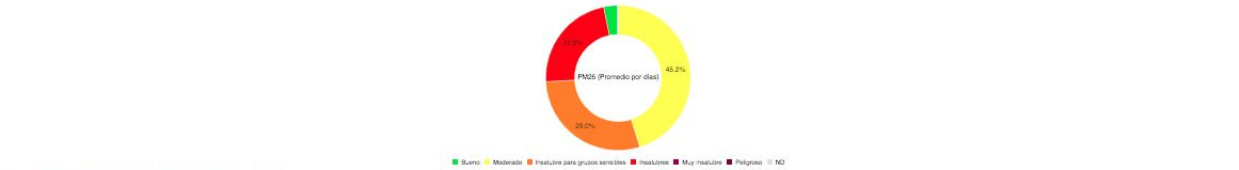
Datos Válidos 23.7% No Válidos: 76.3% .

Estación Coahuila

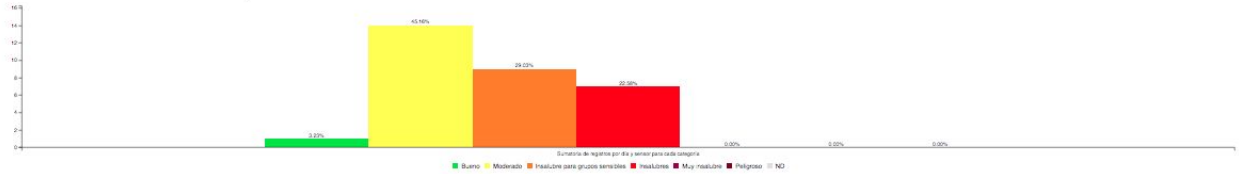
Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores



Detalle de calidad del aire en base al número total de días y sensores



Mes: 2021-01 (AQI)

CSV

Buscar

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
P0047 - Estación Coahuila	120	157	151	154	161	156	118	156	157	79	93	109	110	93	90	141	117	156	62	70	68	52	54	71	26	69	81	87	95	108	117	105
Promedio día	**120**	**157**	**151**	**154**	**161**	**156**	**118**	**156**	**157**	**79**	**93**	**109**	**110**	**93**	**90**	**141**	**117**	**156**	**62**	**70**	**68**	**52**	**54**	**71**	**26**	**69**	**81**	**87**	**95**	**108**	**117**	**105**

Validación de datos

Mes: 2021-01

CSV PDF

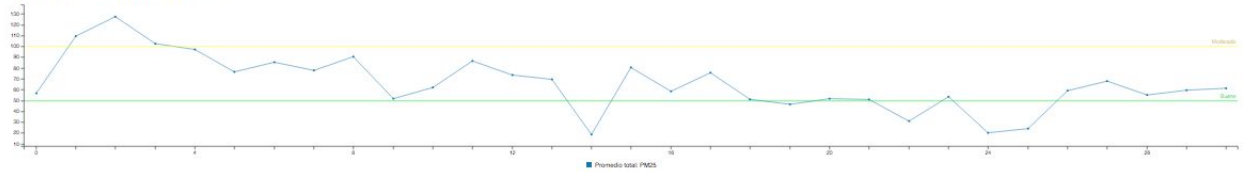
Buscar

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
P0047 - Estación Coahuila																																
VA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	92%	100%	100%	100%	90%	100%	100%	90%	100%	100%	100%	90%	100%	100%	100%	100%	100%	100%	100%	100%	**99.2%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
IO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

Datos Válidos 99.2% No Válidos: 0.8% .

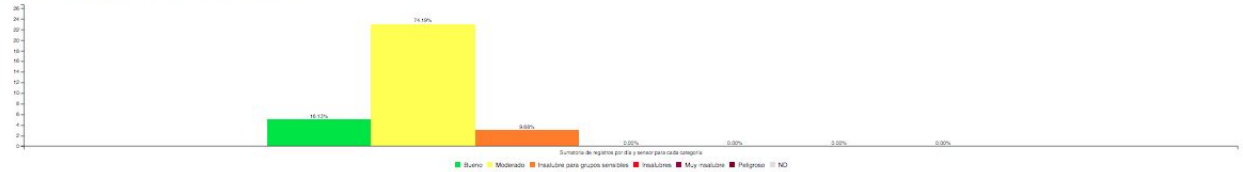
Ejido Michoacán de Ocampo

Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores

Detalle de calidad del aire en base al número total de días y sensores



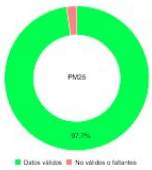
Mes: 2021-01 (AQI)

CSV

Buscar:

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
F0048 - Michoacán de Ocampo	57	109	127	102	97	75	85	78	90	52	62	86	73	69	19	80	58	76	51	46	52	51	31	53	20	24	59	68	55	59	61	65
Promedio día	**57**	**109**	**127**	**102**	**97**	**75**	**85**	**78**	**90**	**52**	**62**	**86**	**73**	**69**	**19**	**80**	**58**	**76**	**51**	**46**	**52**	**51**	**31**	**53**	**20**	**24**	**59**	**68**	**55**	**59**	**61**	**65**

Validación de datos



Mes: 2021-01

CSV PDF

Buscar:

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
F0048 - Michoacán de Ocampo																																
VA	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	96%	96%	79%	100%	100%	92%	92%	88%	96%	**97.7%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
ID	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

Datos Válidos 97.7% No Válidos: 0.3% .

Ejido Colima

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
F0049 - Ejido Colima	74	118	140	96	90	75	81	81	88	56	59	56	62	60	33	58	48	92	51	38	39	47	37	21	11	33	52	81	54	58	45	52
Promedio día	**74**	**118**	**140**	**96**	**90**	**75**	**81**	**81**	**88**	**56**	**59**	**56**	**62**	**60**	**33**	**58**	**48**	**92**	**51**	**38**	**39**	**47**	**37**	**21**	**11**	**33**	**52**	**81**	**54**	**58**	**45**	**52**

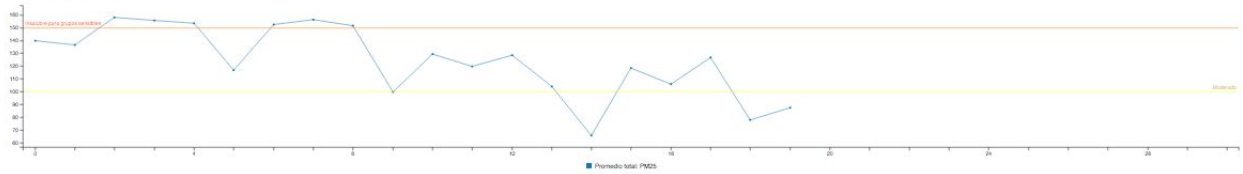
Validación de datos

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
F0049 - Ejido Colima																																
VA	100%	83%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	92%	100%	100%	100%	100%	96%	88%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	**98.5%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
IO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

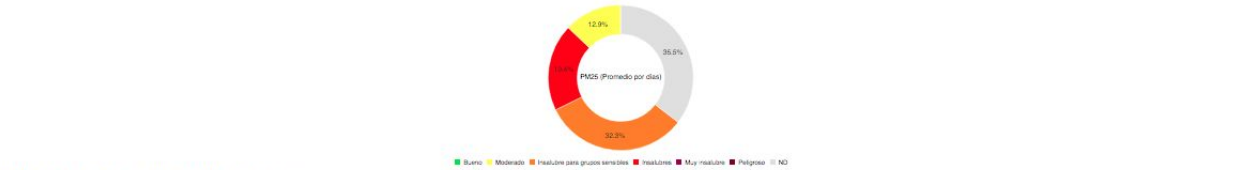
Datos Válidos 98.5% No Válidos: 1.5% .

Ejido Cuernavaca

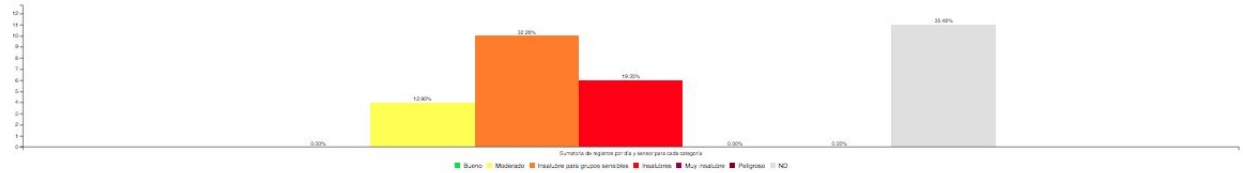
Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores



Detalle de calidad del aire en base al número total de días y sensores



Mes: 2021-01 (AQI)

CSV

Buscar

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
F0050 - Ejido Cuernavaca	140	136	155	154	151	117	153	154	151	100	129	120	128	104	65	118	106	127	78	87	-	-	-	-	-	-	-	-	-	-	-	124
Promedio día	**140**	**136**	**155**	**154**	**151**	**117**	**153**	**154**	**151**	**100**	**129**	**120**	**128**	**104**	**65**	**118**	**106**	**127**	**78**	**87**												**124**

Validación de datos

Mes: 2021-01

CSV PDF

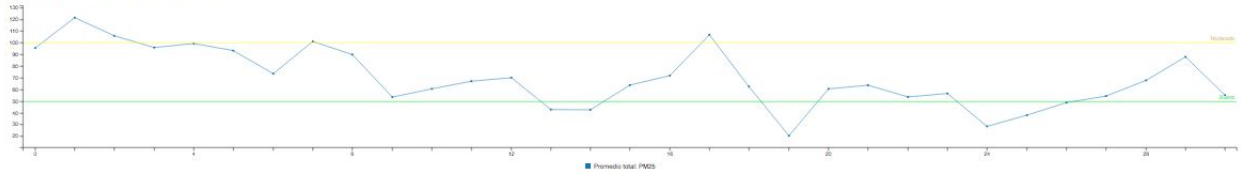
Buscar

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
F0050 - Ejido Cuernavaca																																
VA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	93%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**63.8%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
XD	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

Datos Válidos 63.8% No Válidos: 36.2% .

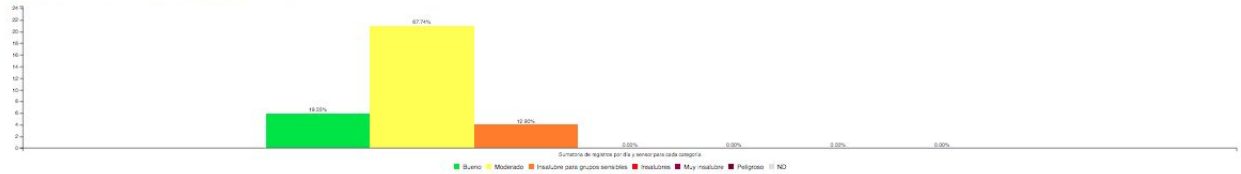
Ciudad Morelos

Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores

Detalle de calidad del aire en base al número total de días y sensores



Mes: 2021-01 (AQI)

CSV

Buscar:

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
F0051 - Ciudad Morelos	95	121	106	96	99	93	73	101	90	53	60	67	70	43	43	64	72	107	62	20	60	64	54	56	28	38	49	54	68	88	55	69
Promedio día	**95**	**121**	**106**	**96**	**99**	**93**	**73**	**101**	**90**	**53**	**60**	**67**	**70**	**43**	**43**	**64**	**72**	**107**	**62**	**20**	**60**	**64**	**54**	**56**	**28**	**38**	**49**	**54**	**68**	**88**	**55**	**69**

Validación de datos

Mes: 2021-01

CSV PDF

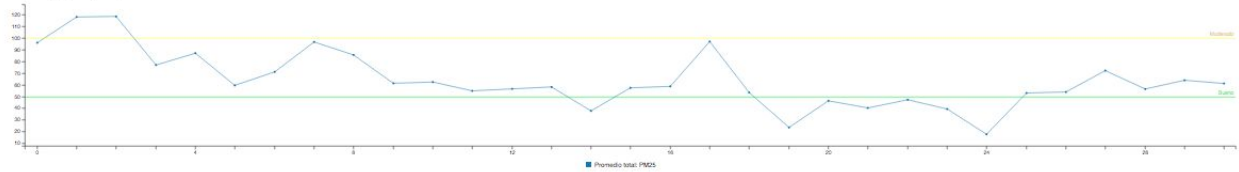
Buscar:

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
F0051 - Ciudad Morelos																																
VA	100%	90%	100%	100%	100%	100%	96%	77%	77%	90%	89%	100%	100%	100%	100%	100%	100%	100%	92%	95%	90%	100%	90%	90%	92%	100%	100%	100%	100%	100%	100%	**96.2%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
IO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

Datos Válidos 96.2% No Válidos: 3.8% .

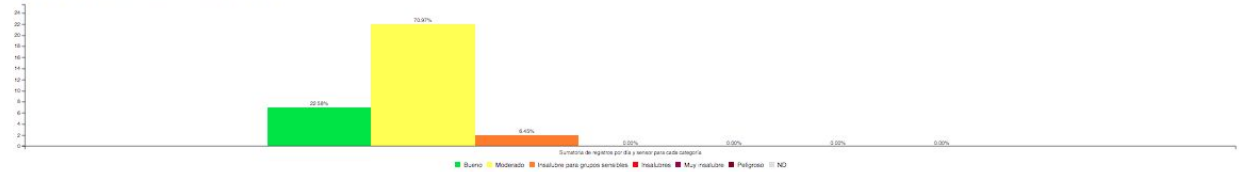
Ejido Jiquilpan

Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores

Detalle de calidad del aire en base al número total de días y sensores



Mes: 2021-01 (AQI)

CSV

Buscar:

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
F0043 - Ejido Jiquilpan	96	118	118	77	87	59	71	96	85	61	62	55	56	58	38	57	59	97	53	24	46	40	47	33	18	53	54	72	56	64	61	64
Promedio día	**96**	**118**	**118**	**77**	**87**	**59**	**71**	**96**	**85**	**61**	**62**	**55**	**56**	**58**	**38**	**57**	**59**	**97**	**53**	**24**	**46**	**40**	**47**	**33**	**18**	**53**	**54**	**72**	**56**	**64**	**61**	**64**

Validación de datos

Mes: 2021-01

CSV PDF

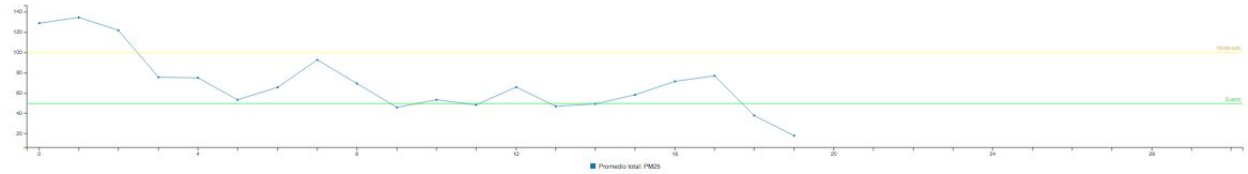
Buscar:

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
F0043 - Ejido Jiquilpan																																
VA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	100%	100%	100%	90%	100%	100%	100%	100%	100%	100%	100%	100%	**99.7%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
IO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

Datos Válidos 99.7% No Válidos: 0.3% .

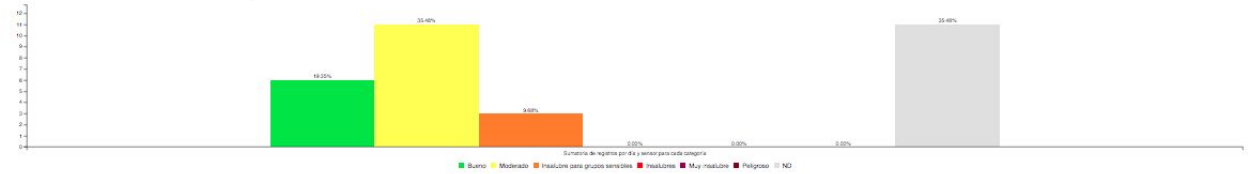
Ejido Lazaro Cardenas

Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores

Detalle de calidad del aire en base al número total de días y sensores



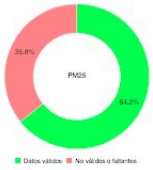
Mes: 2021-01 (AQI)

CSV

Buscar

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
P0053 - Ejido Lázaro Cárdenas	129	134	122	76	75	53	66	93	69	46	53	48	66	47	49	58	71	77	30	18	-	-	-	-	-	-	-	-	-	-	-	69
Promedio día	**129**	**134**	**122**	**76**	**75**	**53**	**66**	**93**	**69**	**46**	**53**	**48**	**66**	**47**	**49**	**58**	**71**	**77**	**30**	**18**												**69**

Validación de datos



Mes: 2021-01

CSV PDF

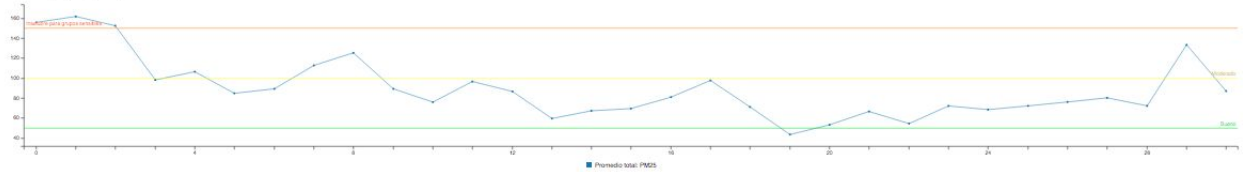
Buscar

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
P0053 - Ejido Lázaro Cárdenas																																
VA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**64.2%**
DI	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
ID	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

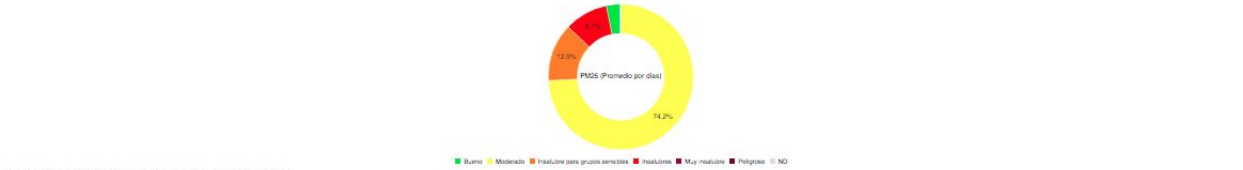
Datos Válidos 64.2% No Válidos: 35.8% .

Poblado Benito Juárez (Tecolotes)

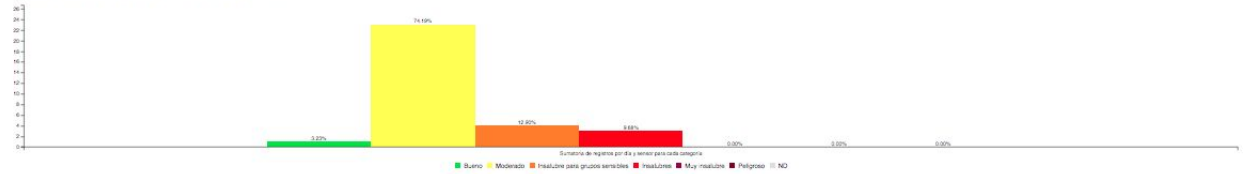
Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores



Detalle de calidad del aire en base al número total de días y sensores



Mes: 2021-01 (AQI)

CSV

Buscar

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
F0054 - Poblado Benito Juárez (Tecolotes)	[illegible]	[illegible]	[illegible]	98	106	85	89	113	125	89	76	96	87	59	67	69	81	98	71	43	53	66	54	72	68	72	76	80	72	133	87	89
Promedio día	106	162	152	98	106	85	89	113	125	89	76	96	87	59	67	69	81	98	71	43	53	66	54	72	68	72	76	80	72	133	87	89

Validación de datos

Mes: 2021-01

CSV | PDF

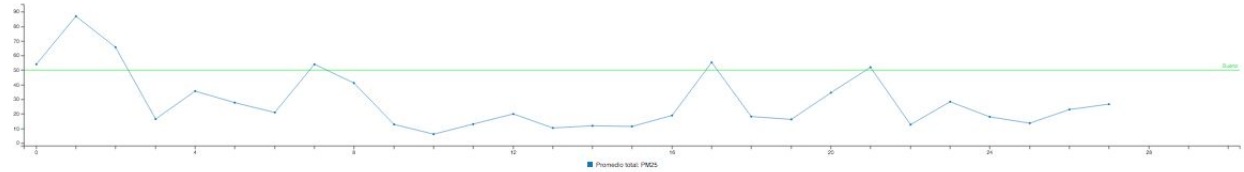
Buscar

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
F0054 - Poblado Benito Juárez (Tecolotes)																																
VA	100%	100%	100%	100%	79%	92%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	**98.8%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
IO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

Datos Válidos 98.8% No Válidos: 1.2% .

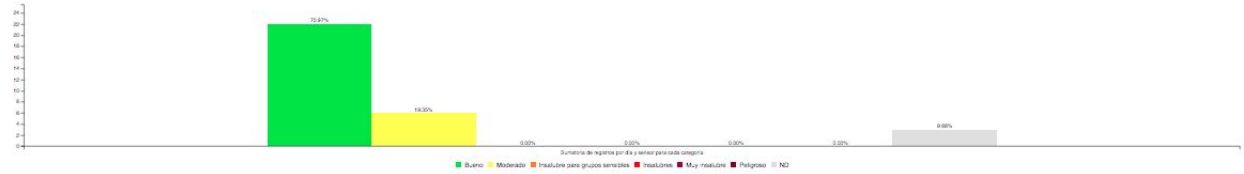
Ejido Mérida

Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores

Detalle de calidad del aire en base al número total de días y sensores



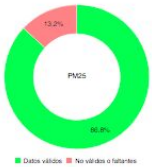
Mes: 2021-01 (AQI)

CSV

Buscar

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
P0059 - Ejido Mérida	54	87	66	16	36	25	21	54	41	13	6	13	20	10	12	11	19	55	18	16	35	52	13	28	18	14	23	27	-	-	-	29
Promedio día	**54**	**87**	**66**	**16**	**36**	**25**	**21**	**54**	**41**	**13**	**6**	**13**	**20**	**10**	**12**	**11**	**19**	**55**	**18**	**16**	**35**	**52**	**13**	**28**	**18**	**14**	**23**	**27**				**29**

Validación de datos



Mes: 2021-01

CSV PDF

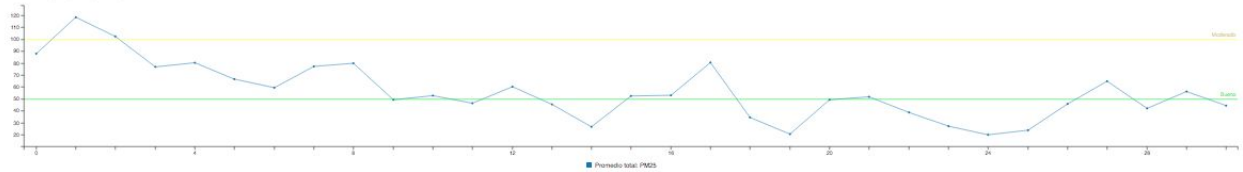
Buscar

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
P0059 - Ejido Mérida																																
VA	90%	100%	100%	100%	100%	100%	100%	100%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	100%	100%	100%	90%	100%	100%	100%	100%	0%	0%	0%	0%	**86.8%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
IO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

Datos Válidos 86.8% No Válidos: 13.2% .

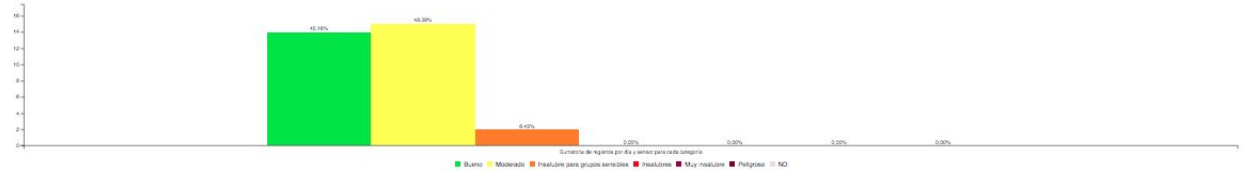
Ejido México

Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores

Detalle de calidad del aire en base al número total de días y sensores



Mes: 2021-01 (AQI)

CSV

Buscar

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
P0008 - Ejido México	88	118	102	77	80	66	59	77	80	49	53	46	60	45	27	52	53	80	34	20	49	52	39	27	20	24	46	65	42	56	44	56
Promedio día	**88**	**118**	**102**	**77**	**80**	**66**	**59**	**77**	**80**	**49**	**53**	**46**	**60**	**45**	**27**	**52**	**53**	**80**	**34**	**20**	**49**	**52**	**39**	**27**	**20**	**24**	**46**	**65**	**42**	**56**	**44**	**56**

Validación de datos

Mes: 2021-01

CSV PDF

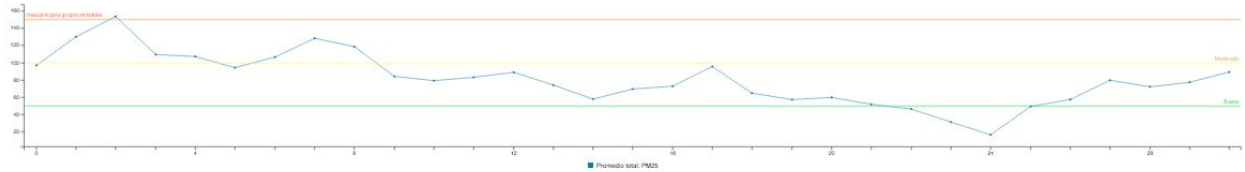
Buscar

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
P0008 - Ejido México																																
VA	100%	100%	100%	100%	100%	100%	90%	90%	100%	100%	100%	88%	100%	100%	100%	100%	100%	100%	90%	70%	63%	100%	79%	100%	100%	93%	63%	90%	100%	100%	100%	**95.6%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
NO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

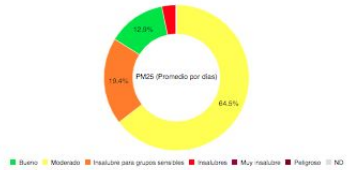
Datos Válidos 95.6% No Válidos: 4.4% .

Ejido Quintana Roo

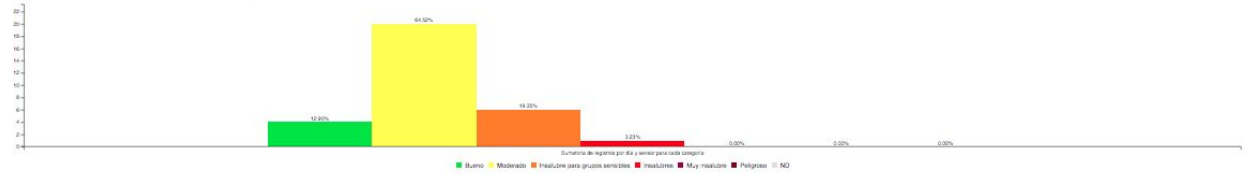
Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores



Detalle de calidad del aire en base al número total de días y sensores



Mes: 2021-01 (AQI)

CSV

Buscar

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
F0058 - Ejido Quintana Roo	97	130	154	109	107	94	106	128	118	84	79	83	89	74	58	69	73	95	65	57	60	52	46	31	16	49	57	79	72	77	89	81
Promedio día	**97**	**130**	**154**	**109**	**107**	**94**	**106**	**128**	**118**	**84**	**79**	**83**	**89**	**74**	**58**	**69**	**73**	**95**	**65**	**57**	**60**	**52**	**46**	**31**	**16**	**49**	**57**	**79**	**72**	**77**	**89**	**81**

Validación de datos

Mes: 2021-01

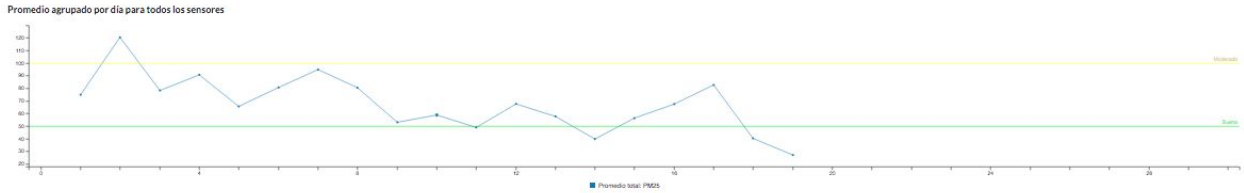
CSV PDF

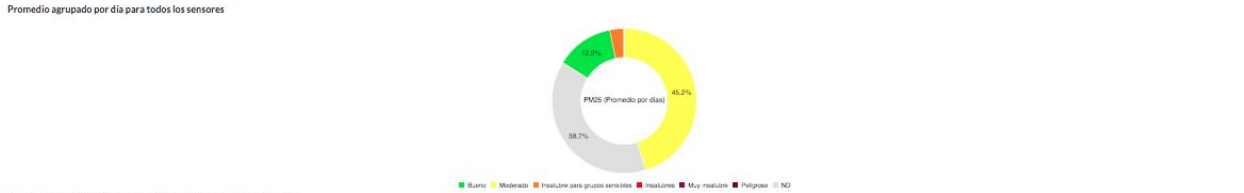
Buscar

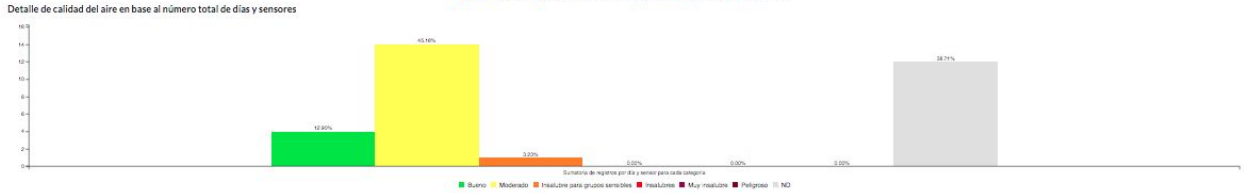
Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
F0058 - Ejido Quintana Roo																																
VA	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%	100%	100%	**99.7%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
ID	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

Datos Válidos 99.7% No Válidos: 0.3% .

Ejido Querétaro







Mes: 2021-01 (AQI)

CSV

Buscar:

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
P0057 - Ejido Querétaro	-	75	120	78	91	66	81	95	80	53	59	49	68	58	49	56	67	83	49	27	-	-	-	-	-	-	-	-	-	-	-	68
Promedio día		**75**	**120**	**78**	**91**	**66**	**81**	**95**	**80**	**53**	**59**	**49**	**68**	**58**	**49**	**56**	**67**	**83**	**49**	**27**												**68**

Validación de datos

Mes: 2021-01

CSV PDF

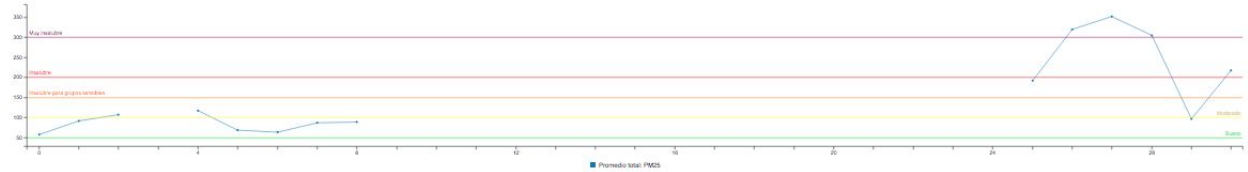
Buscar:

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
P0057 - Ejido Querétaro																																
VA	0%	54%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	18%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**58.3%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
ID	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

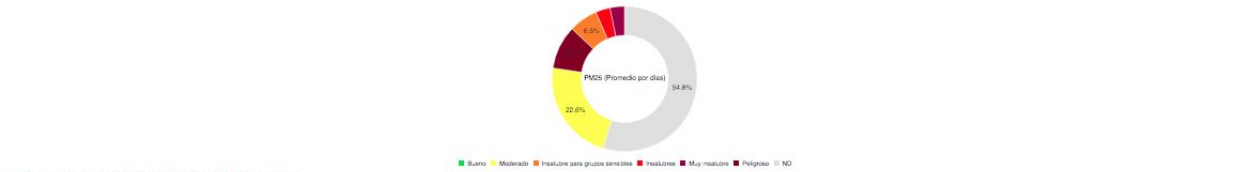
Datos Válidos 58.3% No Válidos: 41.7% .

Ejido Monterrey (Bataquez)

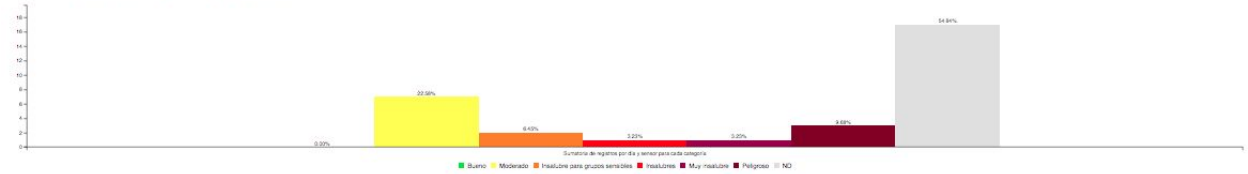
Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores



Detalle de calidad del aire en base al número total de días y sensores



Mes: 2021-01 (AQI)

CSV

Buscar:

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
F0056 - DAGAL Bataquez	57	91	107	-	117	68	63	87	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[illegible]	[illegible]	[illegible]	[illegible]	96	[illegible]	104
Promedio día	57	91	107		117	68	63	87	89																	96	246	246	246	96	139	104

Validación de datos

Mes: 2021-01

CSV PDF

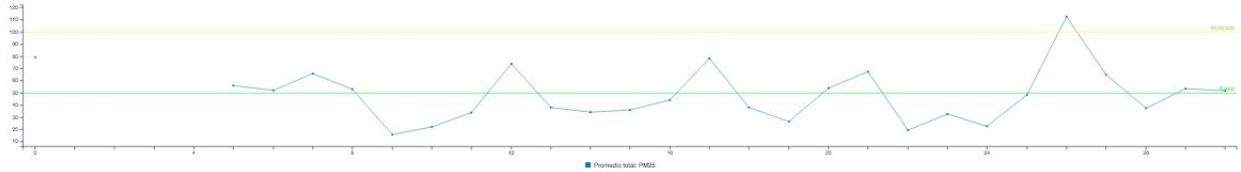
Buscar:

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
F0056 - DAGAL Bataquez																																
VZ	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%	42%	42%	50%	33%	46%	**7.6%**
VA	96%	100%	92%	0%	96%	100%	100%	100%	43%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	13%	42%	42%	25%	25%	46%	**31.2%**
VZ	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
IO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

Datos Válidos 100%

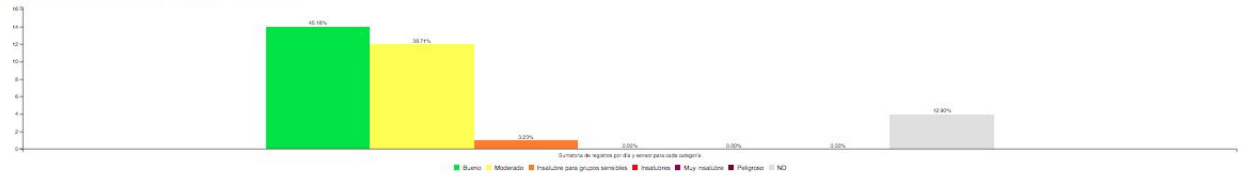
Ejido Tabasco

Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores

Detalle de calidad del aire en base al número total de días y sensores



Mes: 2021-01 (AQI)

CSV

Buscar:

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
P0015 - Ejido Tabasco	79	-	-	-	-	56	52	66	53	16	22	34	74	38	34	36	44	78	38	26	54	67	19	33	22	48	112	65	27	53	52	48
Promedio día	**79**					**56**	**52**	**66**	**53**	**16**	**22**	**34**	**74**	**38**	**34**	**36**	**44**	**78**	**38**	**26**	**54**	**67**	**19**	**33**	**22**	**48**	**112**	**65**	**27**	**53**	**52**	**48**

Datos validados

Mes: 2021-01

CSV PDF

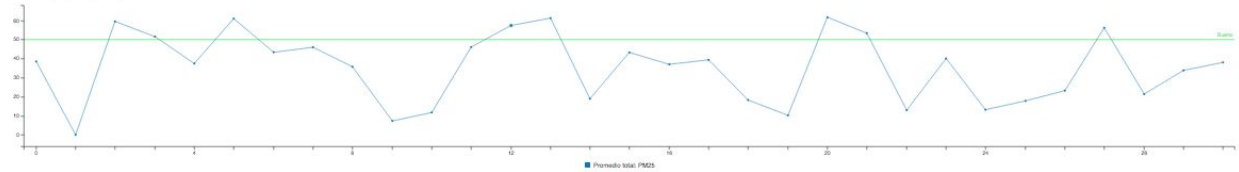
Buscar:

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
P0015 - Ejido Tabasco																																
VZ	96%	100%	100%	100%	100%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**19.0%**
VA	4%	0%	0%	0%	0%	33%	100%	90%	90%	100%	100%	100%	100%	100%	90%	100%	100%	100%	90%	100%	100%	100%	90%	100%	100%	93%	100%	100%	100%	100%	100%	**80.8%**
VZ	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
IO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

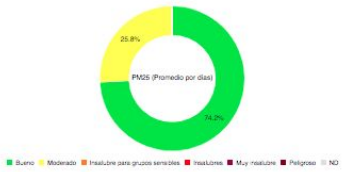
Datos Válidos 80.6% No Válidos: 19.2% .

Los Algodones

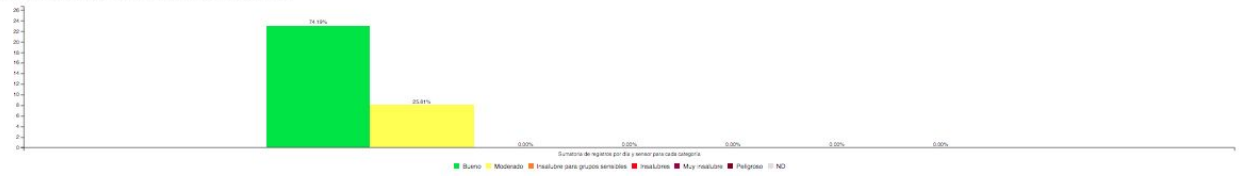
Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores



Detalle de calidad del aire en base al número total de días y sensores



Mes: 2021-01 (AQI)

CSV

Buscar

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
PO060 - Algodones	39	0	59	52	37	61	43	46	36	7	12	46	57	61	19	43	37	39	18	10	62	53	13	40	13	18	23	55	21	34	38	35
Promedio día	39	0	59	52	37	61	43	46	36	7	12	46	57	61	19	43	37	39	18	10	62	53	13	40	13	18	23	55	21	34	38	35

Validación de datos

Mes: 2021-01

CSV PDF

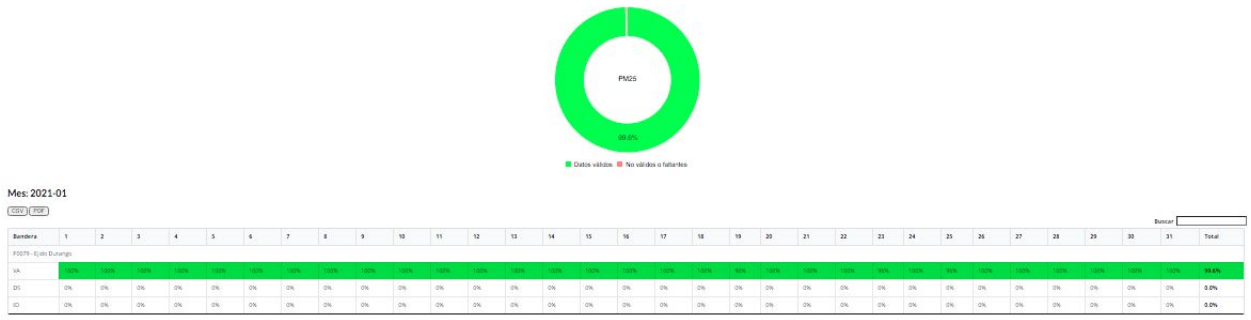
Buscar

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
PO060 - Algodones																																
VZ	0%	0%	0%	0%	0%	13%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.5%**
VA	100%	100%	100%	100%	100%	83%	83%	92%	100%	91%	100%	100%	100%	100%	100%	100%	100%	100%	82%	100%	100%	92%	92%	100%	100%	100%	100%	100%	100%	100%	100%	**98.0%**
VZ	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
IO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

Datos Válidos 98.0% No Válidos: 2.0% .

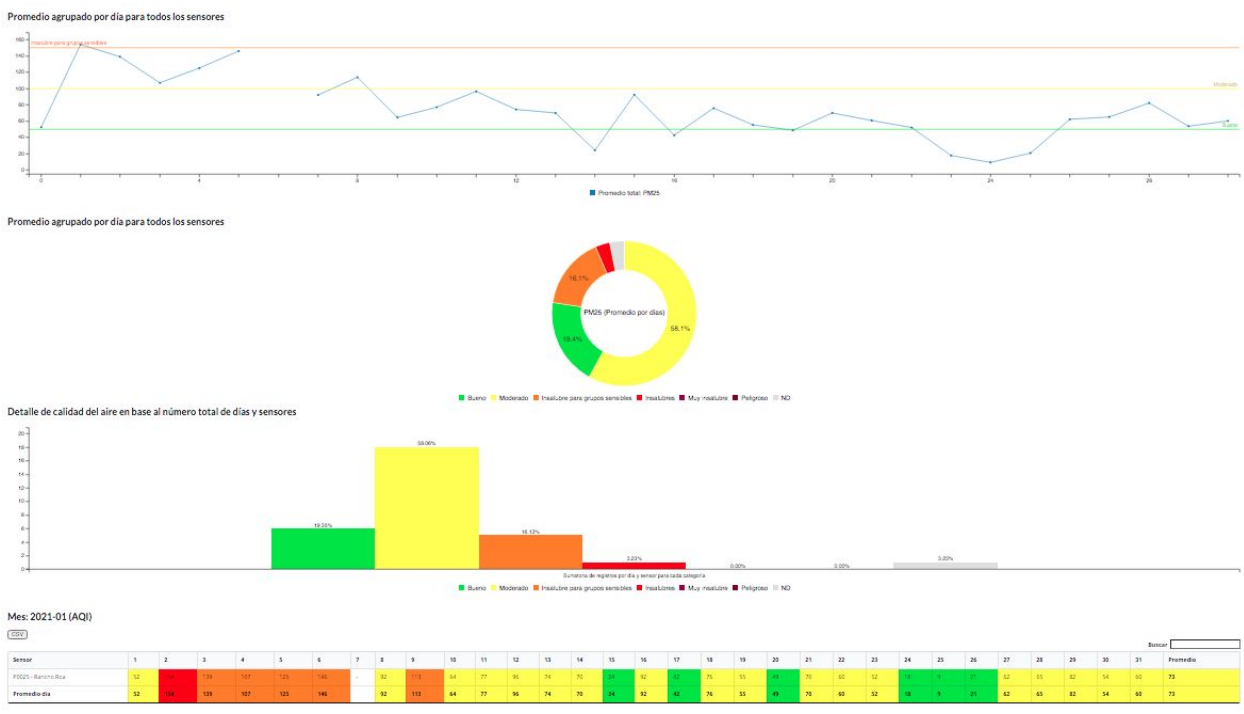
Durango

Validación de datos



Datos Válidos 99.6% No Válidos: 0.4% .

Rancho Roa

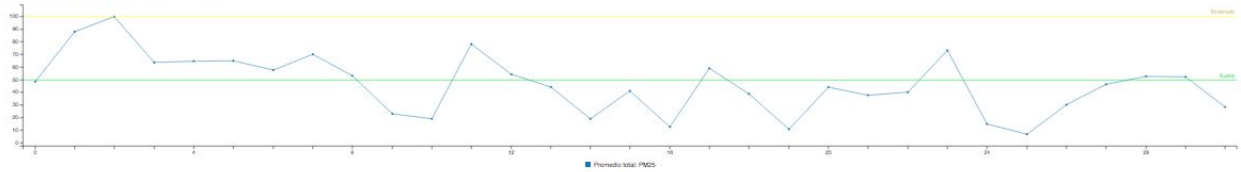


Validación de datos

Datos Válidos 77.4% No Válidos: 22.6% .

La Puerta

Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores

Detalle de calidad del aire en base al número total de días y sensores

Mes: 2021-01 (AQI)

CSV

Buscar:

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
F0071 - Colonia La Fuerte	46	88	100	63	64	65	57	70	53	23	19	78	54	44	19	41	12	59	39	11	44	38	40	73	15	7	30	46	52	52	25	46
Promedio día	**46**	**88**	**100**	**63**	**64**	**65**	**57**	**70**	**53**	**23**	**19**	**78**	**54**	**44**	**19**	**41**	**12**	**59**	**39**	**11**	**44**	**38**	**40**	**73**	**15**	**7**	**30**	**46**	**52**	**52**	**25**	**46**

Validación de datos

Mes: 2021-01

CSV PDF

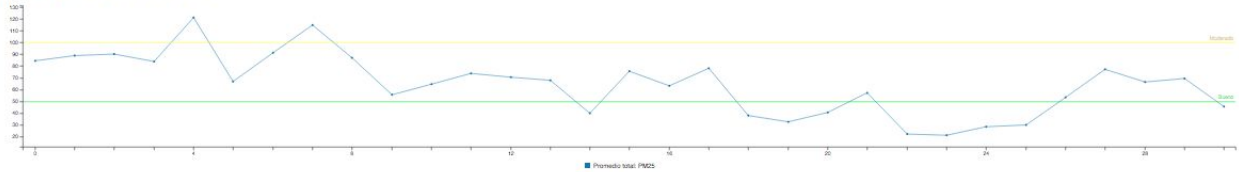
Buscar:

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
F0071 - Colonia La Fuerte																																
VZ	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%	**0.1%**
VA	100%	100%	100%	100%	83%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	92%	95%	96%	100%	100%	100%	100%	100%	96%	100%	100%	**98.7%**
VZ	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
IO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

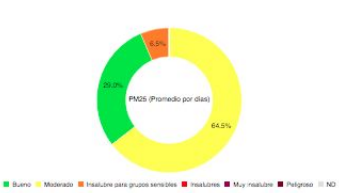
Datos Válidos 98.7% No Válidos: 1.3% .

Islas Agrarias

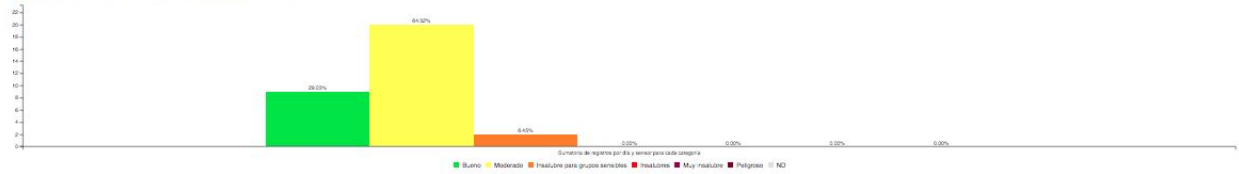
Promedio agrupado por día para todos los sensores



Promedio agrupado por día para todos los sensores



Detalle de calidad del aire en base al número total de días y sensores



Mes: 2021-01 (AQI)

CSV

Buscar

Sensor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Promedio
F0022 - Islas Agrarias ®	84	89	90	84	121	67	91	115	87	56	65	74	71	68	40	76	63	78	38	33	41	57	22	21	29	30	53	77	66	69	46	65
Promedio día	**84**	**89**	**90**	**84**	**121**	**67**	**91**	**115**	**87**	**56**	**65**	**74**	**71**	**68**	**40**	**76**	**63**	**78**	**38**	**33**	**41**	**57**	**22**	**21**	**29**	**30**	**53**	**77**	**66**	**69**	**46**	**65**

Validación de datos

Mes: 2021-01

CSV PDF

Buscar

Bandera	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
F0022 - Islas Agrarias ®																																
VA	100%	100%	100%	100%	100%	54%	100%	100%	100%	92%	100%	71%	100%	92%	100%	100%	100%	100%	90%	100%	90%	100%	96%	100%	96%	100%	100%	100%	100%	100%	100%	**96.2%**
DS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**
ID	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	**0.0%**

Datos Válidos 96.2% No Válidos: 3.8% .