3월 17일 굴뚝별 트랜드

					03-17 00:00	03-17 00:30	03-17 01:00	03-17 01:30	03-17 02:00	03-17 02:30	03-17 03:00	03-17 03:30	03-17 04:00	03-17 04:30	03-17 05:00	03-17 05:30	03-17 06:00	03-17 06:30	03-17 07:00	03-17 07:30
TSP	20	mg/Sm³	12	1	49.00	114.61	112.48	107.72	101.89	92.84	87.43	82.52	39.38	76.68	73.43	81.44	83.76	81.09	77.12	74.23
SOx	30	ppm	12	1	33.10	76.80	102.90	158.70	219.00	288.00	355.20	419.70	12.22	16.20	63.60	140.70	235.80	290.40	334.20	348.00
NOx	70	ppm	12	1	58.84	121.50	140.40	164.10	183.30	216.60	246.00	267.00	78.67	555.00	660.60	705.00	772.50	773.10	711.60	684.60
HCl	15	ppm	12	1	557.30	1,123.80	903.30	741.00	478.80	336.00	262.20	199.80	13.82	18.90	2.70	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	14,620.10	14,882.70	5,024.40	3,207.30	2,427.00	2,187.30	1,592.40	1,121.10	338.85	480.00	268.50	159.30	135.00	105.90	84.30	71.10
O_2		%	0	0.1	21.03	21.13	21.13	21.13	21.13	21.13	21.13	21.13	21.13	21.12	21.11	21.12	21.10	21.11	21.11	21.10
FL1		Sm³	12	10	2,233	22	22	21	20	21	22	22	2,054	22	23	18	15	16	16	16
TMP		℃	0	1	160.88	154.57	148.75	143.45	135.73	125.07	117.64	111.84	107.55	103.45	99.72	95.41	90.38	87.15	84.41	82.09
TM1		℃	0	1	362.15	291.25	244.13	213.16	185.20	153.85	136.19	123.57	112.93	103.68	96.07	94.87	101.49	96.66	92.15	89.03
TM3		℃	0	1	36.07	36.04	36.04	36.03	35.97	35.71	35.66	35.65	35.53	35.55	35.53	35.60	35.62	35.62	35.63	35.60

					03-17 08:00	03-17 08:30	03-17 09:00	03-17 09:30	03-17 10:00	03-17 10:30	03-17 11:00	03-17 11:30	03-17 12:00	03-17 12:30	03-17 13:00	03-17 13:30	03-17 14:00	03-17 14:30	03-17 15:00	03-17 15:30
TSP	20	mg/Sm³	12	1	36.10	52.35	33.92	32.58	31.98	31.86	29.08	25.18	10.50	18.04	15.65	14.72	13.10	10.70	8.95	8.37
SOx	30	ppm	12	1	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.23	12.29	3.56	0.08	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	195.49	23.70	0.00	0.00	0.00	0.00	0.00	0.00	43.79	54.55	47.84	45.67	39.19	32.38	25.51	21.61
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	2.70	10.95	16.73	21.47	16.68	35.08	35.10	36.62	33.97	30.01	25.08	23.02
CO	50	ppm	12	1	28.97	38.56	21.75	27.30	30.75	30.30	27.45	23.88	7.79	14.39	13.54	13.58	12.37	10.88	9.22	8.76
O_2		%	0	0.1	21.07	20.93	20.90	20.90	20.90	20.90	20.90	20.88	20.87	20.84	20.82	20.81	20.79	20.76	20.71	20.69
FL1		Sm³	12	10	1,455	22	32	32	32	32	34	39	1,500	52	59	61	69	80	95	101
TMP		℃	0	1	79.99	77.99	76.12	74.31	72.85	71.58	70.50	69.61	68.82	68.11	67.38	66.69	66.15	65.66	65.19	64.78
TM1		℃	0	1	85.48	82.41	79.59	77.49	75.03	73.59	71.60	70.08	68.95	67.22	65.67	64.11	62.95	61.49	60.40	59.46
TM3		℃	0	1	35.58	35.56	35.53	35.47	35.50	35.22	35.15	35.25	35.46	35.47	35.35	35.24	35.23	35.32	35.42	35.22

					03-17 16:00	03-17 16:30	03-17 17:00	03-17 17:30	03-17 18:00	03-17 18:30	03-17 19:00	03-17 19:30	03-17 20:00	03-17 20:30	03-17 21:00	03-17 21:30	03-17 22:00	03-17 22:30	03-17 23:00	03-17 23:30
TSP	20	mg/Sm³	12	1	4.22	8.05	7.97	7.96	7.60	7.94	8.01	7.93	3.92	7.70	7.90	8.84	10.99	14.55	16.37	22.25
SOx	30	ppm	12	1	6.02	4.03	0.00	0.00	0.00	0.00	0.00	0.00	6.40	22.45	34.92	58.97	94.04	146.77	184.24	242.73
NOx	70	ppm	12	1	13.27	19.64	16.50	13.87	12.84	11.16	10.26	12.47	10.68	20.25	21.05	151.87	201.25	272.78	313.26	411.68
HCl	15	ppm	12	1	2.27	4.78	4.55	4.69	4.92	5.86	6.70	7.64	0.62	0.61	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	2.87	5.91	5.96	6.19	6.28	6.75	7.12	7.31	2.40	4.59	3.99	4.13	5.29	6.36	6.74	8.73
O_2		%	0	0.1	20.73	20.68	20.68	20.68	20.68	20.68	20.68	20.68	20.72	20.68	20.68	20.72	20.78	20.83	20.85	20.89
FL1		Sm³	12	10	1,531	105	105	105	105	105	105	105	1,541	105	106	94	74	55	50	36
TMP		℃	0	1	64.44	64.10	63.69	63.40	63.06	62.76	62.39	62.01	61.70	61.26	60.92	60.55	60.22	59.80	59.46	59.04
TM1		℃	0	1	58.03	57.31	55.95	55.09	54.48	53.37	52.51	51.14	50.67	49.95	48.40	47.71	46.71	45.63	45.22	44.27
TM3		℃	0	1	35.41	35.51	35.48	35.52	35.57	35.64	35.67	35.67	35.67	35.67	35.67	35.67	35.67	35.67	35.69	35.70

3월 18일 굴뚝별 트랜드

					03-18 00:00	03-18 00:30	03-18 01:00	03-18 01:30	03-18 02:00	03-18 02:30	03-18 03:00	03-18 03:30	03-18 04:00	03-18 04:30	03-18 05:00	03-18 05:30	03-18 06:00	03-18 06:30	03-18 07:00	03-18 07:30
TSP	20	mg/Sm³	12	1	11.98	23.97	23.95	23.91	23.88	24.96	60.68	23.79	12.01	23.73	23.70	23.67	23.42	22.96	23.58	23.12
SOx	30	ppm	12	1	3.15	23.55	53.70	79.05	111.30	120.75	175.65	218.10	0.84	0.00	8.40	55.05	77.70	125.55	168.75	177.00
NOx	70	ppm	12	1	39.36	68.55	73.50	372.75	379.80	375.90	399.00	413.70	29.23	50.10	142.20	360.90	387.60	418.65	443.10	434.10
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	6.17	13.50	13.65	13.50	12.75	12.00	10.80	9.15	5.14	10.65	10.05	9.00	7.80	7.35	6.45	7.50
O_2		%	0	0.1	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.92	20.90	20.90	20.90	20.90	20.90	20.90	20.90
FL1		Sm³	12	10	1,523	33	33	33	33	33	33	33	1,531	33	33	33	33	33	33	33
TMP		℃	0	1	58.68	58.26	57.90	57.43	57.04	56.61	56.19	55.72	55.30	54.89	54.48	54.08	53.67	53.30	52.90	52.55
TM1		℃	0	1	43.32	42.58	41.80	40.96	40.80	40.43	39.35	38.67	38.07	37.51	36.77	36.10	35.74	34.52	34.08	33.47
TM3		℃	0	1	35.70	35.71	35.71	35.71	35.70	35.70	35.71	35.71	35.70	35.69	35.67	35.62	35.57	35.47	35.51	35.61

					03-18 08:00	03-18 08:30	03-18 09:00	03-18 09:30	03-18 10:00	03-18 10:30	03-18 11:00	03-18 11:30	03-18 12:00	03-18 12:30	03-18 13:00	03-18 13:30	03-18 14:00	03-18 14:30	03-18 15:00	03-18 15:30
TSP	20	mg/Sm³	12	1	11.24	22.00	21.33	20.88	18.86	12.25	6.81	6.10	2.96	5.76	5.68	5.68	5.68	7.41	0.47	0.51
SOx	30	ppm	12	1	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.63	19.87	4.13	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	20.64	16.50	0.15	0.00	0.00	0.00	0.00	0.00	48.48	39.52	12.85	8.81	3.00	0.01	0.00	0.00
HCl	15	ppm	12	1	0.00	0.00	0.00	0.60	6.35	3.00	3.03	4.92	7.50	17.15	18.09	18.09	17.49	8.73	0.97	0.69
CO	50	ppm	12	1	3.49	8.85	9.75	10.50	10.44	7.50	4.59	4.50	1.47	3.47	3.66	4.03	4.36	2.33	0.04	0.03
O_2		%	0	0.1	20.94	20.90	20.90	20.90	20.89	20.83	20.71	20.68	20.72	20.68	20.68	20.68	20.68	20.78	20.88	20.72
FL1		Sm³	12	10	1,542	33	33	33	36	57	97	108	1,583	108	108	108	108	18	0	0
TMP		℃	0	1	52.30	52.02	51.81	51.59	51.29	51.09	50.89	50.73	50.48	50.33	50.06	49.92	49.63	47.22	42.29	39.36
TM1		℃	0	1	33.13	33.03	33.05	33.32	32.34	31.88	31.92	31.88	31.71	31.63	31.39	31.39	31.33	34.94	41.37	42.89
TM3		℃	0	1	35.62	35.56	35.64	35.58	35.82	35.51	35.53	35.53	35.62	35.52	35.41	35.38	35.39	35.40	35.29	35.21

					03-18 16:00	03-18 16:30	03-18 17:00	03-18 17:30	03-18 18:00	03-18 18:30	03-18 19:00	03-18 19:30	03-18 20:00	03-18 20:30	03-18 21:00	03-18 21:30	03-18 22:00	03-18 22:30	03-18 23:00	03-18 23:30
TSP	20	mg/Sm³	12	1	0.44	0.42	0.40	0.39	0.37	0.36	0.34	0.32	0.32	0.28	0.21	0.09	0.07	0.07	0.06	0.08
SOx	30	ppm	12	1	0.62	0.92	0.71	0.88	0.92	0.95	1.02	1.10	0.37	0.26	0.61	0.82	1.01	1.26	1.45	1.57
NOx	70	ppm	12	1	0.20	0.73	0.41	0.33	0.32	0.35	0.38	0.42	0.27	0.39	0.60	0.78	0.92	1.07	1.21	1.27
HCl	15	ppm	12	1	0.37	0.82	1.02	1.18	1.25	1.29	1.32	1.34	0.43	0.05	0.09	0.12	0.13	0.16	0.19	0.19
CO	50	ppm	12	1	0.07	0.13	0.19	0.24	0.26	0.28	0.31	0.32	0.12	0.03	0.04	0.04	0.05	0.06	0.06	0.07
O_2		%	0	0.1	20.68	20.68	20.68	20.68	20.68	20.67	20.67	20.67	20.67	20.67	20.67	20.67	20.67	20.67	20.67	20.67
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
TMP		℃	0	1	35.85	33.54	31.62	29.95	28.56	27.54	26.28	25.09	24.27	22.51	19.70	16.79	14.17	13.10	12.11	11.17
TM1		℃	0	1	44.93	45.55	45.95	46.31	46.60	46.51	46.57	46.46	46.46	46.52	47.01	47.47	47.91	48.16	48.10	48.28
TM3		℃	0	1	35.16	35.24	35.34	35.27	35.27	35.32	35.51	35.38	35.40	35.39	35.42	35.46	35.49	35.53	35.54	35.56

3월 19일 굴뚝별 트랜드

					03-19 00:00	03-19 00:30	03-19 01:00	03-19 01:30	03-19 02:00	03-19 02:30	03-19 03:00	03-19 03:30	03-19 04:00	03-19 04:30	03-19 05:00	03-19 05:30	03-19 06:00	03-19 06:30	03-19 07:00	03-19 07:30
TSP	20	mg/Sm³	12	1	0.06	0.07	0.07	0.07	0.07	0.06	0.07	0.08	0.08	0.07	0.08	0.07	0.08	0.10	0.10	0.09
SOx	30	ppm	12	1	0.53	0.00	0.04	0.13	0.22	0.29	0.38	0.45	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	0.41	0.05	0.09	0.15	0.20	0.26	0.35	0.43	0.15	0.00	0.00	0.00	0.02	0.06	0.09	0.11
HCl	15	ppm	12	1	0.06	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.02	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.03
O_2		%	0	0.1	20.67	20.67	20.67	20.67	20.67	20.67	20.67	20.67	20.67	20.67	20.67	20.67	20.67	20.67	20.67	20.67
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMP		℃	0	1	10.66	10.41	10.41	10.35	10.40	10.35	10.34	10.25	10.28	10.24	10.28	10.21	10.16	10.12	10.12	10.13
TM1		℃	0	1	48.21	48.16	47.77	47.78	47.59	47.69	47.41	46.94	46.71	46.23	45.97	45.97	45.84	45.59	45.65	45.53
TM3		℃	0	1	35.55	35.55	35.54	35.56	35.58	35.60	35.59	35.58	35.56	35.56	35.53	35.54	35.55	35.53	35.55	35.56

					03-19 08:00	03-19 08:30	03-19 09:00	03-19 09:30	03-19 10:00	03-19 10:30	03-19 11:00	03-19 11:30	03-19 12:00	03-19 12:30	03-19 13:00	03-19 13:30	03-19 14:00	03-19 14:30	03-19 15:00	03-19 15:30
TSP	20	mg/Sm³	12	1	0.13	1.99	3.19	3.47	5.92	13.76	10.64	10.37	5.74	15.14	16.20	19.19	19.78	21.21	9.84	32.76
SOx	30	ppm	12	1	0.13	8.95	17.77	20.86	25.41	32.62	37.98	48.42	5.39	27.88	57.20	90.68	126.67	154.13	167.83	204.64
NOx	70	ppm	12	1	1.51	16.21	24.63	26.72	38.48	28.37	28.87	33.08	9.25	20.28	25.79	37.92	48.80	58.20	98.02	123.79
HCl	15	ppm	12	1	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.01	0.00	0.00	0.00	0.23	0.61	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	1.16
O_2		%	0	0.1	20.72	20.70	20.70	20.68	20.68	20.68	20.69	20.71	20.78	20.82	20.85	20.88	20.89	20.89	20.89	20.90
FL1		Sm³	12	10	1	0	0	39	102	0	0	0	0	0	0	0	0	0	40	24
TMP		℃	0	1	10.33	9.49	7.64	7.93	24.48	24.05	17.88	16.09	15.22	14.96	13.74	13.30	12.44	12.35	21.63	31.90
TM1		℃	0	1	45.07	44.28	43.25	41.77	27.46	32.41	37.24	35.98	35.42	34.95	33.05	27.83	24.95	25.32	27.28	27.49
TM3		℃	0	1	35.52	35.43	35.37	35.46	35.50	35.54	35.50	35.48	35.44	35.43	35.47	35.48	35.48	35.46	35.38	35.39

					03-19 16:00	03-19 16:30	03-19 17:00	03-19 17:30	03-19 18:00	03-19 18:30	03-19 19:00	03-19 19:30	03-19 20:00	03-19 20:30	03-19 21:00	03-19 21:30	03-19 22:00	03-19 22:30	03-19 23:00	03-19 23:30
TSP	20	mg/Sm³	12	1	24.25	17.49	0.52	0.27	0.22	0.19	0.18	0.19	0.18	0.17	0.15	0.14	0.15	0.14	0.13	0.11
SOx	30	ppm	12	1	0.80	0.15	0.04	0.17	0.61	0.81	0.90	1.02	0.44	0.22	0.60	0.98	1.36	1.75	2.07	2.35
NOx	70	ppm	12	1	16.41	9.02	0.10	0.43	0.79	0.85	0.54	0.46	0.32	0.24	0.43	0.62	0.77	0.92	1.03	1.17
HCl	15	ppm	12	1	0.00	0.13	0.51	0.08	0.00	0.12	0.21	0.23	0.13	0.07	0.10	0.13	0.11	0.11	0.09	0.12
CO	50	ppm	12	1	1.66	1.52	0.02	0.00	0.01	0.05	0.09	0.12	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08
O_2		%	0	0.1	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.89	20.89	20.90	20.90	20.90	20.90	20.90	20.90	20.90
FL1		Sm³	12	10	0	1	2	1	0	0	18	41	0	2	22	107	191	223	231	231
TMP		℃	0	1	24.52	19.39	18.45	18.59	17.45	17.40	17.62	17.54	16.87	14.67	13.40	13.84	14.68	14.10	13.09	12.53
TM1		℃	0	1	31.85	33.03	32.26	31.63	31.13	30.84	30.92	31.04	30.37	29.15	28.49	28.26	28.39	27.35	26.57	26.34
TM3		℃	0	1	35.48	35.48	35.47	35.43	35.42	35.39	35.34	35.30	35.25	35.15	35.35	35.18	35.23	35.54	35.55	35.63