3월 20일 굴뚝별 트랜드

					03-20 00:00	03-20 00:30	03-20 01:00	03-20 01:30	03-20 02:00	03-20 02:30	03-20 03:00	03-20 03:30	03-20 04:00	03-20 04:30	03-20 05:00	03-20 05:30	03-20 06:00	03-20 06:30	03-20 07:00	03-20 07:30
TSP	20	mg/Sm³	12	1	0.09	0.09	0.07	0.09	0.08	0.08	0.09	0.08	0.09	0.08	0.09	0.10	0.10	0.10	0.10	0.11
SOx	30	ppm	12	1	0.77	0.00	0.00	0.01	0.05	0.10	0.19	0.29	0.10	0.00	0.05	0.19	0.36	0.86	1.16	1.00
NOx	70	ppm	12	1	0.39	0.04	0.11	0.20	0.23	0.25	0.27	0.27	0.10	0.02	0.12	0.23	0.45	0.89	1.20	1.28
HCl	15	ppm	12	1	0.04	0.00	0.05	0.10	0.11	0.12	0.13	0.14	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.03	0.01	0.02	0.02	0.03	0.03	0.03	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
O_2		%	0	0.1	20.90	20.90	20.90	20.89	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90
FL1		Sm³	12	10	233	234	233	240	232	232	233	236	233	233	232	275	247	239	273	410
TMP		℃	0	1	11.38	11.23	10.89	10.94	11.12	10.78	11.28	11.10	11.23	11.23	11.49	11.72	12.12	12.10	12.19	12.37
TM1		℃	0	1	26.50	26.32	26.40	26.17	26.10	26.04	25.83	25.50	24.95	24.55	24.41	24.10	23.83	23.90	23.58	23.33
TM3		℃	0	1	35.66	35.67	35.67	35.67	35.67	35.67	35.67	35.67	35.67	35.65	35.60	35.51	35.53	35.58	35.64	35.54

					03-20 08:00	03-20 08:30	03-20 09:00	03-20 09:30	03-20 10:00	03-20 10:30	03-20 11:00	03-20 11:30	03-20 12:00	03-20 12:30	03-20 13:00	03-20 13:30	03-20 14:00	03-20 14:30	03-20 15:00	03-20 15:30
TSP	20	mg/Sm³	12	1	0.12	8.38	42.54	66.65	51.38	45.55	42.68	40.56	18.97	37.28	35.32	34.46	33.45	32.61	31.39	29.60
SOx	30	ppm	12	1	0.33	1.20	0.00	0.00	0.00	0.00	0.00	0.00	2.87	0.00	0.00	0.15	0.30	18.15	46.65	57.00
NOx	70	ppm	12	1	3.19	83.85	77.25	71.55	65.10	66.45	56.55	68.40	27.42	37.95	33.30	36.75	34.95	43.65	53.85	56.70
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	0.00	0.00	1.80	5.25	4.95	4.50	4.95	4.50	0.02	0.45	0.75	0.60	0.90	0.45	0.00	0.00
O_2		%	0	0.1	20.96	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	2,216	47	68	2	3	3	6	4	215	5	7	4	5	4	4	4
TMP		℃	0	1	14.87	24.89	33.54	29.89	21.85	18.72	17.85	16.61	15.69	15.28	15.00	14.28	13.90	13.30	12.65	12.00
TM1		℃	0	1	22.72	19.81	18.00	20.28	21.73	21.88	22.81	21.37	20.13	19.65	19.41	19.29	18.73	18.73	18.44	18.15
TM3		℃	0	1	35.54	35.56	35.56	35.56	35.56	35.52	35.52	35.56	35.48	35.47	35.52	35.52	35.50	35.45	35.49	35.52

					03-20 16:00	03-20 16:30	03-20 17:00	03-20 17:30	03-20 18:00	03-20 18:30	03-20 19:00	03-20 19:30	03-20 20:00	03-20 20:30	03-20 21:00	03-20 21:30	03-20 22:00	03-20 22:30	03-20 23:00	03-20 23:30
TSP	20	mg/Sm³	12	1	15.06	28.79	27.58	27.17	26.58	26.74	27.41	28.10	14.87	28.24	33.65	34.78	37.27	44.61	41.19	41.46
SOx	30	ppm	12	1	13.97	53.55	89.10	123.00	153.90	195.45	225.40	293.65	0.99	0.00	0.00	0.00	0.00	0.60	7.90	18.10
NOx	70	ppm	12	1	37.91	73.35	84.15	92.85	102.75	120.15	133.55	157.95	37.34	55.48	58.91	76.27	99.52	118.85	122.10	134.90
HCl	15	ppm	12	1	0.01	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	0.90
CO	50	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	1.83	2.64	2.67	3.15	3.60	4.05
O_2		%	0	0.1	20.94	20.90	20.90	20.90	20.90	20.90	20.91	20.91	20.97	20.91	20.93	20.93	20.94	20.95	20.96	20.97
FL1		Sm³	12	10	228	4	4	3	7	11	8	7	459	9	7	5	6	5	6	4
TMP		℃	0	1	12.01	11.54	10.84	10.51	10.32	10.08	9.98	9.78	9.56	9.55	9.40	9.24	9.12	9.09	8.94	8.69
TM1		℃	0	1	17.90	17.23	18.02	17.77	17.59	17.39	17.11	17.07	16.98	16.96	16.87	16.87	16.90	16.74	16.56	16.57
TM3		℃	0	1	35.52	35.57	35.61	35.54	35.62	35.64	35.53	35.58	35.63	35.67	35.67	35.65	35.64	35.62	35.67	35.67

3월 21일 굴뚝별 트랜드

					03-21 00:00	03-21 00:30	03-21 01:00	03-21 01:30	03-21 02:00	03-21 02:30	03-21 03:00	03-21 03:30	03-21 04:00	03-21 04:30	03-21 05:00	03-21 05:30	03-21 06:00	03-21 06:30	03-21 07:00	03-21 07:30
TSP	20	mg/Sm³	12	1	20.76	39.17	39.12	37.70	33.17	31.67	35.32	32.30	16.25	66.88	70.13	46.24	45.54	45.05	52.48	33.67
SOx	30	ppm	12	1	0.06	0.00	2.10	22.20	55.20	74.10	92.40	122.40	0.83	15.00	46.20	87.90	102.60	69.60	66.60	153.00
NOx	70	ppm	12	1	65.08	120.70	124.20	135.90	145.20	150.30	156.90	168.90	75.48	138.60	149.10	159.90	167.40	159.90	157.20	189.60
HCl	15	ppm	12	1	0.01	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	0.00	0.00	0.00	0.00	0.00	0.60	6.30	2.10	1.80	0.00	1.20	0.00
O_2		%	0	0.1	21.00	20.96	20.98	20.99	21.01	21.01	21.03	21.07	21.08	21.06	21.06	21.09	21.08	21.11	21.11	21.13
FL1		Sm³	12	10	421	3	2	2	2	2	3	2	232	2	2	2	2	2	2	2
TMP		℃	0	1	8.61	7.55	5.03	2.77	2.02	1.77	1.55	0.91	1.21	1.19	0.96	0.84	1.08	0.30	0.83	0.05
TM1		℃	0	1	16.36	16.38	16.28	16.23	16.16	16.03	15.99	15.92	15.76	15.40	15.23	15.12	15.06	14.82	14.76	14.75
TM3		℃	0	1	35.67	35.67	35.67	35.67	35.67	35.65	35.66	35.65	35.64	35.64	35.64	35.64	35.60	35.57	35.51	35.54

					03-21 08:00	03-21 08:30	03-21 09:00	03-21 09:30	03-21 10:00	03-21 10:30	03-21 11:00	03-21 11:30	03-21 12:00	03-21 12:30	03-21 13:00	03-21 13:30	03-21 14:00	03-21 14:30	03-21 15:00	03-21 15:30
TSP	20	mg/Sm³	12	1	9.22	14.69	14.36	14.35	22.05	26.09	17.64	24.64	13.47	28.52	29.42	28.09	25.51	30.79	29.24	32.79
SOx	30	ppm	12	1	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.04	142.27	148.95	147.25	153.65	155.71	119.36	106.69
NOx	70	ppm	12	1	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.72	103.95	103.96	109.34	117.71	119.08	99.63	92.68
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.90	18.66	22.19	27.47	31.65	35.55	33.48	33.03
CO	50	ppm	12	1	1.20	5.40	6.60	8.10	9.30	9.90	10.80	11.40	0.62	1.22	1.18	1.87	1.83	1.60	2.51	2.36
O_2		%	0	0.1	21.13	21.12	21.12	21.12	21.11	21.12	21.11	21.06	20.98	20.93	20.92	20.93	20.93	20.93	20.93	20.92
FL1		Sm³	12	10	252	2	2	2	2	2	2	2	253	4	4	4	4	4	4	4
TMP		℃	0	1	0.24	1.02	1.73	1.48	1.22	1.21	1.25	1.38	3.53	4.51	5.78	2.86	1.01	0.84	1.69	2.41
TM1		℃	0	1	14.74	14.67	14.62	14.62	14.57	14.47	14.11	13.87	13.92	13.72	13.83	13.69	13.77	13.95	14.24	14.23
TM3		℃	0	1	35.55	35.59	35.67	35.67	35.67	35.69	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71

					03-21 16:00	03-21 16:30	03-21 17:00	03-21 17:30	03-21 18:00	03-21 18:30	03-21 19:00	03-21 19:30	03-21 20:00	03-21 20:30	03-21 21:00	03-21 21:30	03-21 22:00	03-21 22:30	03-21 23:00	03-21 23:30
TSP	20	mg/Sm³	12	1	19.69	42.42	38.95	38.48	27.18	0.30	0.21	0.11	0.09	0.09	0.08	0.13	0.12	0.09	0.10	0.08
SOx	30	ppm	12	1	11.60	43.43	41.80	69.36	52.56	0.13	0.00	0.01	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	40.13	94.11	95.84	109.72	81.61	0.23	0.28	0.58	0.58	0.45	0.23	0.15	0.08	0.01	0.01	0.04
HCl	15	ppm	12	1	0.10	0.00	0.00	0.00	0.07	0.78	0.35	0.00	0.12	0.37	0.45	0.52	0.54	0.54	0.57	0.59
CO	50	ppm	12	1	0.01	0.00	0.00	0.00	0.01	0.04	0.01	0.02	0.03	0.06	0.09	0.11	0.13	0.15	0.15	0.17
O_2		%	0	0.1	20.98	20.94	20.94	20.95	21.02	21.13	21.13	21.12	21.12	21.03	20.92	20.90	20.90	20.90	20.90	20.90
FL1		Sm³	12	10	269	4	3	3	173	529	522	552	538	528	552	521	512	526	527	526
TMP		℃	0	1	2.33	0.53	2.43	3.51	4.07	4.58	5.36	6.20	6.50	6.53	6.11	5.32	4.56	5.04	5.32	5.26
TM1		℃	0	1	14.23	13.88	13.89	13.78	13.81	13.76	13.35	13.07	13.05	13.21	13.58	13.57	13.53	13.51	13.41	13.02
TM3		℃	0	1	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71

3월 22일 굴뚝별 트랜드

					03-22 00:00	03-22 00:30	03-22 01:00	03-22 01:30	03-22 02:00	03-22 02:30	03-22 03:00	03-22 03:30	03-22 04:00	03-22 04:30	03-22 05:00	03-22 05:30	03-22 06:00	03-22 06:30	03-22 07:00	03-22 07:30
TSP	20	mg/Sm³	12	1	0.09	0.08	0.07	0.07	0.07	0.06	0.07	0.06	0.05	0.06	0.05	0.05	0.05	0.05	0.04	0.05
SOx	30	ppm	12	1	0.13	0.25	0.27	0.28	0.37	0.26	0.25	0.23	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	0.10	0.20	0.26	0.31	0.37	0.36	0.37	0.41	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.03
HCl	15	ppm	12	1	0.26	0.15	0.20	0.22	0.26	0.27	0.29	0.30	0.11	0.02	0.02	0.01	0.03	0.02	0.02	0.03
CO	50	ppm	12	1	0.07	0.03	0.05	0.06	0.07	0.08	0.08	0.08	0.03	0.01	0.01	0.01	0.02	0.02	0.03	0.03
O_2		%	0	0.1	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90
FL1		Sm³	12	10	520	504	533	555	515	554	520	511	513	523	517	557	582	567	573	578
TMP		℃	0	1	5.21	5.35	5.81	6.11	6.14	5.90	5.58	5.32	5.21	5.17	4.79	4.26	3.96	3.70	3.63	3.45
TM1		℃	0	1	13.05	13.08	13.15	12.87	12.72	12.61	12.82	12.65	12.71	12.48	12.55	12.51	12.59	12.45	12.35	12.34
TM3		℃	0	1	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71

					03-22 08:00	03-22 08:30	03-22 09:00	03-22 09:30	03-22 10:00	03-22 10:30	03-22 11:00	03-22 11:30	03-22 12:00	03-22 12:30	03-22 13:00	03-22 13:30	03-22 14:00	03-22 14:30	03-22 15:00	03-22 15:30
TSP	20	mg/Sm³	12	1	3.02	14.24	17.49	17.60	17.29	17.72	18.53	20.81	9.64	18.30	17.37	17.36	17.51	17.68	15.78	15.59
SOx	30	ppm	12	1	13.72	33.70	2.55	0.00	0.00	0.00	0.00	0.00	47.87	101.70	110.40	128.40	110.40	171.90	201.90	230.85
NOx	70	ppm	12	1	17.03	69.98	65.25	85.20	85.20	7.80	0.00	0.00	63.04	88.80	276.60	297.90	830.25	472.50	202.80	156.60
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.89	22.50	26.10	27.45	27.30	27.45	32.85	37.95
CO	50	ppm	12	1	0.00	0.00	0.00	0.00	0.00	1.65	0.75	0.90	0.00	0.00	1.80	1.95	2.25	9.30	6.75	2.85
O_2		%	0	0.1	20.94	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90
FL1		Sm³	12	10	404	6	6	6	6	6	6	6	294	6	5	5	5	5	5	5
TMP		℃	0	1	3.31	3.99	7.56	9.46	10.46	11.34	12.02	11.97	11.89	11.57	11.79	11.67	10.99	10.66	10.73	10.75
TM1		℃	0	1	12.18	12.13	12.20	12.21	12.39	12.45	12.67	12.78	13.15	12.91	13.29	13.58	13.17	13.27	13.21	13.28
TM3		℃	0	1	35.71	35.71	35.71	35.71	35.73	35.64	35.45	35.55	35.60	35.60	35.60	35.60	35.60	35.60	35.60	35.60

					03-22 16:00	03-22 16:30	03-22 17:00	03-22 17:30	03-22 18:00	03-22 18:30	03-22 19:00	03-22 19:30	03-22 20:00	03-22 20:30	03-22 21:00	03-22 21:30	03-22 22:00	03-22 22:30	03-22 23:00	03-22 23:30
TSP	20	mg/Sm³	12	1	8.27	15.00	12.93	7.79	6.62	0.05	0.04	0.04	0.05	0.05	0.06	0.08	0.08	0.09	0.09	0.09
SOx	30	ppm	12	1	0.84	0.00	0.00	0.00	1.35	0.00	0.00	0.00	0.17	0.71	1.07	1.46	1.80	2.17	2.63	2.93
NOx	70	ppm	12	1	44.55	79.80	53.40	45.30	849.15	2.06	0.06	0.39	0.28	0.71	0.53	0.46	0.51	0.60	0.76	0.90
HCl	15	ppm	12	1	0.14	0.00	0.00	0.00	1.35	0.39	0.68	0.19	0.03	0.31	0.39	0.42	0.40	0.34	0.35	0.36
CO	50	ppm	12	1	0.01	0.30	1.50	1.80	1.95	0.04	0.05	0.01	0.02	0.06	0.08	0.10	0.11	0.11	0.11	0.12
O_2		%	0	0.1	20.90	20.90	20.90	20.90	20.90	20.94	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90
FL1		Sm³	12	10	244	7	10	21	25	1,469	460	433	422	1,183	2,399	2,468	2,468	2,468	2,468	2,468
TMP		℃	0	1	11.03	10.41	10.70	10.40	9.37	7.96	6.89	6.16	5.95	5.89	7.43	8.11	8.38	8.42	8.42	8.39
TM1		℃	0	1	13.30	13.51	13.59	13.25	13.07	12.95	12.43	12.37	12.25	12.01	11.76	11.99	11.91	12.05	12.08	12.13
TM3		℃	0	1	35.60	35.60	35.60	35.60	35.60	35.60	35.60	35.60	35.60	35.60	35.60	35.61	35.64	35.64	35.64	35.64