3월 12일 굴뚝별 트랜드

					03-12 00:00	03-12 00:30	03-12 01:00	03-12 01:30	03-12 02:00	03-12 02:30	03-12 03:00	03-12 03:30	03-12 04:00	03-12 04:30	03-12 05:00	03-12 05:30	03-12 06:00	03-12 06:30	03-12 07:00	03-12 07:30
TSP	20	mg/Sm³	12	1	2.49	5.22	5.40	5.29	4.79	4.57	4.61	4.57	2.52	4.57	6.12	5.91	5.17	4.52	4.45	4.52
SOx	30	ppm	12	1	3.17	8.48	10.88	13.42	15.22	17.35	19.63	21.98	2.87	6.25	8.43	9.74	11.54	13.34	14.89	16.75
NOx	70	ppm	12	1	8.12	12.25	10.45	13.75	19.67	16.53	11.56	11.21	6.35	8.48	8.92	14.67	20.51	9.47	6.46	6.36
HCl	15	ppm	12	1	1.28	2.56	2.75	2.97	3.36	3.52	3.27	3.14	0.90	1.75	1.77	1.83	2.18	2.29	2.07	1.88
CO	50	ppm	12	1	0.16	0.36	0.49	0.68	1.04	1.07	0.74	0.82	0.07	0.19	0.27	0.57	0.76	0.46	0.33	0.36
O_2		%	0	0.1	20.48	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.49	20.45	20.45	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	122	18	15	18	14	14	14	14	144	17	27	24	20	19	19	19
TMP		℃	0	1	18.37	18.51	18.50	18.45	18.28	17.90	17.98	17.75	17.60	17.59	17.53	17.46	17.30	17.11	16.82	16.73
TM1		℃	0	1	21.72	21.67	21.76	21.29	21.37	21.60	21.33	20.96	20.46	20.44	20.28	19.99	19.57	19.56	19.45	19.29
IRS		℃	0	1	36.44	36.44	36.44	36.44	36.43	36.43	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.43	36.44

					03-12 08:00	03-12 08:30	03-12 09:00	03-12 09:30	03-12 10:00	03-12 10:30	03-12 11:00	03-12 11:30	03-12 12:00	03-12 12:30	03-12 13:00	03-12 13:30	03-12 14:00	03-12 14:30	03-12 15:00	03-12 15:30
TSP	20	mg/Sm³	12	1	2.29	4.30	3.91	3.81	3.81	3.85	4.20	4.57	2.94	5.36	4.52	3.72	2.92	2.75	2.85	2.60
SOx	30	ppm	12	1	2.18	5.67	7.83	10.64	12.79	12.98	12.98	13.77	3.26	7.09	7.80	8.81	9.93	10.99	12.11	12.71
NOx	70	ppm	12	1	8.06	11.70	21.41	19.23	15.00	13.64	14.07	23.73	18.31	29.51	29.84	20.92	17.07	12.08	17.27	16.36
HCl	15	ppm	12	1	0.43	0.82	0.98	0.27	0.00	0.08	0.65	0.90	0.91	1.50	1.72	1.77	1.93	1.83	2.24	1.96
CO	50	ppm	12	1	0.15	0.62	1.04	1.04	0.98	1.12	1.15	3.52	3.79	9.16	8.34	3.76	7.42	3.30	2.02	8.16
O_2		%	0	0.1	20.49	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.49	20.45	20.45	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	172	20	25	19	18	17	15	14	123	14	14	17	53	78	50	60
TMP		℃	0	1	16.57	16.48	16.48	16.70	16.77	16.77	16.50	15.56	14.93	14.59	14.63	15.32	15.89	15.98	15.77	15.62
TM1		℃	0	1	19.78	21.16	21.76	21.95	22.88	23.39	23.36	22.93	22.89	22.94	22.99	23.45	23.62	23.41	23.07	23.79
IRS		℃	0	1	36.44	36.42	36.42	36.41	36.42	36.42	36.43	36.42	36.40	36.42	36.41	36.41	36.41	36.41	36.41	36.42

					03-12 16:00	03-12 16:30	03-12 17:00	03-12 17:30	03-12 18:00	03-12 18:30	03-12 19:00	03-12 19:30	03-12 20:00	03-12 20:30	03-12 21:00	03-12 21:30	03-12 22:00	03-12 22:30	03-12 23:00	03-12 23:30
TSP	20	mg/Sm³	12	1	1.20	2.25	2.04	2.36	2.49	2.53	6.32	12.44	2.25	2.34	2.27	2.65	4.11	5.49	3.81	5.14
SOx	30	ppm	12	1	1.56	3.63	4.69	5.37	5.62	6.13	6.66	7.94	1.15	2.67	3.79	4.80	5.29	6.82	7.96	9.74
NOx	70	ppm	12	1	7.92	11.54	13.23	22.36	26.40	28.96	17.97	11.13	6.65	10.31	10.47	10.66	10.28	10.15	9.87	10.15
HCl	15	ppm	12	1	1.41	3.11	2.81	3.06	3.16	3.36	3.11	3.08	0.95	1.69	1.80	1.77	1.80	1.86	1.85	1.67
CO	50	ppm	12	1	0.20	0.03	0.00	0.16	0.33	0.16	0.22	0.33	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
O_2		%	0	0.1	20.48	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.48	20.45	20.45	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	564	116	128	87	71	75	128	169	1,299	147	148	148	148	149	149	157
TMP		℃	0	1	15.54	15.44	15.26	15.21	15.29	15.30	15.25	14.63	14.01	13.54	13.32	13.14	12.62	11.91	10.88	9.98
TM1		℃	0	1	23.93	24.10	25.09	24.86	24.50	24.41	24.05	25.13	24.02	24.04	24.00	23.94	23.65	23.42	23.11	22.84
IRS		℃	0	1	36.42	36.43	36.44	36.44	36.44	36.44	36.44	36.43	36.44	36.43	36.44	36.44	36.44	36.44	36.44	36.44

3월 13일 굴뚝별 트랜드

					03-13 00:00	03-13 00:30	03-13 01:00	03-13 01:30	03-13 02:00	03-13 02:30	03-13 03:00	03-13 03:30	03-13 04:00	03-13 04:30	03-13 05:00	03-13 05:30	03-13 06:00	03-13 06:30	03-13 07:00	03-13 07:30
TSP	20	mg/Sm³	12	1	2.76	4.60	4.18	4.01	3.70	2.74	3.33	2.53	1.07	2.20	2.25	2.16	2.23	2.19	2.15	2.26
SOx	30	ppm	12	1	2.05	5.18	7.06	9.03	10.58	12.05	13.31	14.91	1.50	2.71	3.33	3.44	2.86	2.87	2.81	2.02
NOx	70	ppm	12	1	6.46	10.80	11.13	11.54	11.75	12.44	12.27	12.84	6.67	10.70	10.33	9.88	9.71	9.74	9.55	9.24
HCl	15	ppm	12	1	0.60	0.98	0.46	0.13	0.00	0.00	0.00	0.00	0.06	0.27	0.58	0.90	1.39	1.50	1.47	1.80
CO	50	ppm	12	1	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.35	1.06
O_2		%	0	0.1	20.48	20.45	20.45	20.45	20.45	20.45	20.45	20.46	20.50	20.45	20.46	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	1,466	154	163	157	154	151	152	148	1,307	150	149	150	150	150	150	151
TMP		℃	0	1	9.26	8.81	8.53	8.43	8.43	8.47	8.47	8.48	8.45	8.42	8.42	8.37	8.35	8.25	8.09	8.01
TM1		℃	0	1	22.77	23.60	23.84	23.53	23.29	23.03	22.91	22.27	21.74	21.86	21.39	21.71	21.55	21.45	21.44	21.31
IRS		℃	0	1	36.44	36.43	36.42	36.41	36.42	36.41	36.42	36.42	36.43	36.43	36.41	36.41	36.41	36.42	36.42	36.44

					03-13 08:00	03-13 08:30	03-13 09:00	03-13 09:30	03-13 10:00	03-13 10:30	03-13 11:00	03-13 11:30	03-13 12:00	03-13 12:30	03-13 13:00	03-13 13:30	03-13 14:00	03-13 14:30	03-13 15:00	03-13 15:30
TSP	20	mg/Sm³	12	1	1.13	1.99	1.89	1.82	1.78	1.96	2.23	1.93	1.10	1.93	1.89	2.03	2.35	2.59	3.80	1.86
SOx	30	ppm	12	1	0.64	1.17	2.35	3.46	3.95	4.12	3.93	3.44	0.93	2.05	1.42	1.64	1.53	2.29	2.43	2.87
NOx	70	ppm	12	1	8.06	12.00	12.44	12.76	12.74	12.66	12.27	11.51	6.68	11.04	10.56	11.29	10.31	10.36	11.05	16.17
HCl	15	ppm	12	1	1.40	3.14	3.38	3.47	3.33	3.33	3.55	3.87	0.84	1.69	1.69	2.02	1.80	1.55	1.75	2.21
CO	50	ppm	12	1	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.16	0.16	0.16	0.22	0.57
O_2		%	0	0.1	20.48	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.47	20.45	20.45	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	1,310	150	150	150	150	148	151	150	1,365	152	147	152	155	153	148	148
TMP		℃	0	1	8.11	8.10	8.18	8.25	8.35	8.53	8.81	9.15	9.32	9.70	9.98	10.27	10.50	10.73	10.59	10.46
TM1		℃	0	1	17.53	16.66	16.67	16.71	16.74	16.72	16.82	16.86	16.85	16.83	16.89	16.91	17.02	16.87	16.88	17.79
IRS		℃	0	1	36.44	36.44	36.43	36.43	36.43	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

					03-13 16:00	03-13 16:30	03-13 17:00	03-13 17:30	03-13 18:00	03-13 18:30	03-13 19:00	03-13 19:30	03-13 20:00	03-13 20:30	03-13 21:00	03-13 21:30	03-13 22:00	03-13 22:30	03-13 23:00	03-13 23:30
TSP	20	mg/Sm³	12	1	0.92	1.69	1.68	1.68	1.76	1.72	1.72	1.79	1.06	1.82	1.76	1.72	1.92	2.06	1.93	2.21
SOx	30	ppm	12	1	0.66	1.96	3.06	2.92	2.95	3.57	3.30	3.76	0.63	1.91	2.59	3.08	3.22	3.49	3.95	4.28
NOx	70	ppm	12	1	8.07	12.84	12.68	12.66	12.60	12.44	12.25	12.27	7.38	12.19	12.33	12.38	11.98	11.92	11.75	12.00
HCl	15	ppm	12	1	1.09	2.10	2.07	1.96	2.10	2.15	2.29	2.29	0.77	1.28	1.44	1.28	1.20	0.66	0.57	0.52
CO	50	ppm	12	1	0.41	0.08	0.00	0.03	0.11	0.11	0.08	0.11	0.00	0.00	0.00	0.00	0.13	0.16	0.22	0.16
O_2		%	0	0.1	20.46	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.47	20.45	20.45	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	1,298	147	145	140	143	148	149	149	1,295	149	149	149	149	149	149	149
TMP		℃	0	1	10.33	10.02	9.88	9.81	9.75	9.82	9.69	9.65	9.59	9.51	9.36	9.24	9.15	9.25	9.55	9.71
TM1		℃	0	1	17.97	18.60	17.84	17.33	17.11	16.85	16.58	16.24	15.75	15.67	15.66	15.51	15.52	15.81	15.91	15.87
IRS		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.45	36.46	36.46

3월 14일 굴뚝별 트랜드

					03-14 00:00	03-14 00:30	03-14 01:00	03-14 01:30	03-14 02:00	03-14 02:30	03-14 03:00	03-14 03:30	03-14 04:00	03-14 04:30	03-14 05:00	03-14 05:30	03-14 06:00	03-14 06:30	03-14 07:00	03-14 07:30
TSP	20	mg/Sm³	12	1	1.17	2.31	2.27	2.62	2.51	2.51	2.48	2.54	1.28	2.47	2.51	2.58	2.51	2.54	2.47	2.47
SOx	30	ppm	12	1	1.22	2.51	3.30	4.12	4.66	5.13	5.67	6.49	0.50	1.45	1.53	1.75	1.91	2.13	2.81	2.65
NOx	70	ppm	12	1	8.19	13.23	14.40	14.56	14.18	14.78	15.30	15.82	6.92	11.73	11.78	12.03	12.06	12.03	12.35	13.34
HCl	15	ppm	12	1	0.60	0.95	1.94	1.61	0.65	1.50	1.58	1.23	0.19	0.46	0.57	0.76	0.71	0.79	0.82	1.01
CO	50	ppm	12	1	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	0.03	0.27
O_2		%	0	0.1	20.46	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.47	20.45	20.45	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	1,297	149	149	149	149	149	149	149	1,302	150	150	150	141	144	134	132
TMP		℃	0	1	9.61	9.54	9.38	9.28	9.22	9.19	9.16	9.12	8.98	8.82	8.78	8.72	8.63	8.48	8.42	8.46
TM1		℃	0	1	16.01	15.81	15.31	15.25	15.05	14.83	14.75	14.96	14.71	15.10	14.89	14.90	14.89	14.68	14.45	13.77
IRS		℃	0	1	36.46	36.46	36.47	36.47	36.46	36.47	36.47	36.46	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					03-14 08:00	03-14 08:30	03-14 09:00	03-14 09:30	03-14 10:00	03-14 10:30	03-14 11:00	03-14 11:30	03-14 12:00	03-14 12:30	03-14 13:00	03-14 13:30	03-14 14:00	03-14 14:30	03-14 15:00	03-14 15:30
TSP	20	mg/Sm³	12	1	1.27	2.26	2.26	0.11	0.11	0.10	0.11	2.30	1.55	2.73	2.29	2.09	1.75	1.68	2.13	2.44
SOx	30	ppm	12	1	1.09	2.02	3.14	0.21	0.30	0.34	0.42	7.04	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	7.19	29.24	18.76	1.78	1.52	1.36	1.50	21.01	7.38	10.36	9.03	8.92	43.28	33.35	15.22	8.70
HCl	15	ppm	12	1	0.80	1.77	1.61	0.18	0.16	0.10	0.04	0.52	0.80	1.04	1.09	1.50	1.66	1.75	2.02	1.99
CO	50	ppm	12	1	0.00	0.03	0.16	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	1.66	0.00	0.00
O_2		%	0	0.1	20.47	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.47	20.45	20.45	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	1,301	150	143	2,402	1,032	819	948	35	275	31	33	56	116	120	53	34
TMP		℃	0	1	8.57	8.58	8.56	8.41	8.20	8.02	7.93	7.89	7.75	7.57	7.18	7.52	8.12	8.57	8.82	9.01
TM1		℃	0	1	14.05	14.77	14.56	25.72	31.48	31.31	26.09	15.04	14.15	14.13	14.73	14.77	15.34	15.49	15.91	16.71
IRS		℃	0	1	36.47	36.46	36.47	36.47	36.43	36.40	36.39	36.38	36.39	36.40	36.43	36.41	36.40	36.40	36.40	36.40

					03-14 16:00	03-14 16:30	03-14 17:00	03-14 17:30	03-14 18:00	03-14 18:30	03-14 19:00	03-14 19:30	03-14 20:00	03-14 20:30	03-14 21:00	03-14 21:30	03-14 22:00	03-14 22:30	03-14 23:00	03-14 23:30
TSP	20	mg/Sm³	12	1	1.14	2.62	2.89	3.02	2.98	2.98	2.91	2.97	1.43	2.50	2.68	3.40	2.61	2.58	2.90	3.14
SOx	30	ppm	12	1	0.61	1.39	1.47	1.61	1.69	1.77	1.23	1.56	0.67	1.50	1.80	1.34	1.42	1.91	1.58	1.77
NOx	70	ppm	12	1	9.26	22.01	23.76	20.53	15.38	15.41	15.27	15.55	8.40	14.43	16.15	21.36	27.30	27.90	24.52	21.93
HCl	15	ppm	12	1	1.21	2.37	2.48	2.45	2.56	2.67	2.70	2.70	1.23	2.15	2.21	2.16	2.32	2.32	2.37	2.51
CO	50	ppm	12	1	0.00	0.00	0.16	0.08	0.00	0.00	0.00	0.00	0.00	0.16	0.30	0.60	0.65	0.74	0.82	0.82
O_2		%	0	0.1	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	338	28	26	26	26	26	25	26	226	25	25	25	26	28	26	26
TMP		℃	0	1	9.20	9.38	9.19	8.84	8.37	8.15	7.87	7.78	7.62	7.74	8.53	8.45	8.78	9.60	10.09	10.38
TM1		℃	0	1	15.97	16.21	16.28	16.25	16.41	16.11	16.17	15.82	15.80	15.48	15.51	15.36	15.03	15.34	15.15	15.19
IRS		℃	0	1	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.41	36.43	36.42	36.43