3월 23일 굴뚝별 트랜드

					03-23 00:00	03-23 00:30	03-23 01:00	03-23 01:30	03-23 02:00	03-23 02:30	03-23 03:00	03-23 03:30	03-23 04:00	03-23 04:30	03-23 05:00	03-23 05:30	03-23 06:00	03-23 06:30	03-23 07:00	03-23 07:30
TSP	20	mg/Sm³	12	1	0.09	0.08	0.09	0.09	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.09	0.09	0.09	0.10
SOx	30	ppm	12	1	0.94	0.13	0.62	0.81	1.22	1.69	1.87	2.24	0.79	0.00	0.00	0.00	0.29	0.40	0.43	0.13
NOx	70	ppm	12	1	0.32	0.20	0.42	0.50	0.65	0.83	0.87	1.02	0.35	0.00	0.01	0.04	0.21	0.24	0.27	0.21
HCl	15	ppm	12	1	0.11	0.00	0.03	0.03	0.01	0.03	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.06	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02
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	2,469	2,469	2,470	2,470	2,470	2,470	2,472	2,472	2,472	2,473	2,476	2,477	2,478	2,481	2,481	2,481
TMP		℃	0	1	8.33	8.21	8.04	7.98	7.93	7.80	7.63	7.60	7.58	7.51	7.30	7.23	7.23	7.19	7.19	7.33
TM1		℃	0	1	12.13	11.90	11.80	11.73	11.81	11.69	11.35	10.96	11.26	10.99	10.87	10.75	10.73	10.41	10.35	10.71
TM3		℃	0	1	35.64	35.64	35.64	35.64	35.64	35.64	35.65	35.67	35.67	35.67	35.67	35.67	35.67	35.67	35.67	35.67

					03-23 08:00	03-23 08:30	03-23 09:00	03-23 09:30	03-23 10:00	03-23 10:30	03-23 11:00	03-23 11:30	03-23 12:00	03-23 12:30	03-23 13:00	03-23 13:30	03-23 14:00	03-23 14:30	03-23 15:00	03-23 15:30
TSP	20	mg/Sm³	12	1	0.10	0.11	0.11	0.11	0.09	0.05	0.83	4.59	2.51	5.75	6.62	6.48	10.52	11.58	10.99	7.54
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	1.80	0.00	14.66	32.35	51.79	31.14	91.43	106.71	130.35	142.62
NOx	70	ppm	12	1	0.03	0.00	0.00	0.00	0.00	0.00	47.28	144.67	23.01	34.90	50.57	54.05	55.47	58.08	70.61	62.95
HCl	15	ppm	12	1	0.02	0.05	0.14	0.21	0.29	0.27	1.51	9.08	0.08	0.00	0.00	9.19	1.77	6.13	6.63	17.86
CO	50	ppm	12	1	0.01	0.01	0.03	0.04	0.06	0.06	0.01	0.17	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00
O_2		%	0	0.1	20.90	20.90	20.90	20.88	20.75	20.68	20.78	20.80	20.85	20.85	20.88	20.84	20.89	20.89	20.89	20.88
FL1		Sm³	12	10	2,478	2,471	2,466	2,464	1,937	531	406	11	242	9	6	11	5	5	4	7
TMP		℃	0	1	7.61	7.89	8.25	8.45	7.97	7.12	7.23	7.17	7.27	7.85	7.99	8.57	9.11	9.58	9.77	9.44
TM1		℃	0	1	10.33	11.07	11.19	11.32	11.81	11.94	12.18	12.15	12.22	12.28	12.55	12.43	12.46	12.83	12.53	12.81
TM3		℃	0	1	35.67	35.67	35.67	35.65	35.48	35.24	35.37	35.40	35.53	35.54	35.47	35.40	35.35	35.39	35.48	35.45

					03-23 16:00	03-23 16:30	03-23 17:00	03-23 17:30	03-23 18:00	03-23 18:30	03-23 19:00	03-23 19:30	03-23 20:00	03-23 20:30	03-23 21:00	03-23 21:30	03-23 22:00	03-23 22:30	03-23 23:00	03-23 23:30
TSP	20	mg/Sm³	12	1	3.05	2.74	0.04	0.13	0.07	0.05	0.05	0.06	0.05	0.05	0.04	0.06	0.06	0.06	0.05	0.05
SOx	30	ppm	12	1	9.58	0.23	0.01	0.00	0.00	0.00	0.00	0.01	0.16	0.59	1.07	1.52	1.96	2.32	2.66	2.97
NOx	70	ppm	12	1	20.32	15.49	0.00	0.00	0.23	0.57	0.92	0.59	0.31	0.33	0.49	0.63	0.77	0.88	0.98	1.09
HCl	15	ppm	12	1	0.08	0.08	0.64	0.62	0.12	0.00	0.18	0.25	0.17	0.16	0.15	0.13	0.10	0.07	0.07	0.07
CO	50	ppm	12	1	0.00	0.01	0.04	0.04	0.01	0.04	0.07	0.10	0.07	0.06	0.07	0.07	0.07	0.07	0.07	0.07
O_2		%	0	0.1	20.89	20.88	20.90	20.90	20.87	20.83	20.76	20.71	20.70	20.71	20.75	20.81	20.82	20.85	20.87	20.89
FL1		Sm³	12	10	250	1,017	1,981	451	404	394	361	338	331	329	329	330	329	330	334	351
TMP		℃	0	1	9.48	10.48	11.34	11.13	10.16	10.15	10.14	9.80	9.16	9.04	8.66	9.28	9.33	9.19	8.81	8.58
TM1		℃	0	1	12.54	12.61	12.78	12.75	12.86	12.78	12.85	12.75	12.74	12.67	12.47	12.51	12.47	12.38	12.39	12.64
TM3		℃	0	1	35.38	35.48	35.50	35.52	35.49	35.44	35.44	35.44	35.44	35.33	35.37	35.39	35.54	35.58	35.60	35.60

3월 24일 굴뚝별 트랜드

					03-24 00:00	03-24 00:30	03-24 01:00	03-24 01:30	03-24 02:00	03-24 02:30	03-24 03:00	03-24 03:30	03-24 04:00	03-24 04:30	03-24 05:00	03-24 05:30	03-24 06:00	03-24 06:30	03-24 07:00	03-24 07:30
TSP	20	mg/Sm³	12	1	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
SOx	30	ppm	12	1	1.01	0.00	0.08	0.37	0.67	0.96	1.14	1.34	0.45	0.00	0.00	0.00	0.05	0.17	0.31	0.30
NOx	70	ppm	12	1	0.37	0.03	0.13	0.23	0.33	0.42	0.46	0.52	0.17	0.01	0.05	0.08	0.09	0.15	0.20	0.19
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	0.02
CO	50	ppm	12	1	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.02
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	372	506	2,182	2,166	2,026	1,961	2,070	1,758	2,289	2,451	1,592	1,911	2,004	1,740	2,235	1,982
TMP		℃	0	1	8.40	8.20	7.98	7.75	7.64	7.63	7.59	7.54	7.57	7.40	7.21	7.22	7.14	7.00	6.94	6.98
TM1		℃	0	1	12.46	12.47	12.42	12.29	12.15	12.42	12.30	12.31	12.45	12.36	12.32	12.31	12.20	12.14	12.46	12.31
TM3		℃	0	1	35.57	35.48	35.46	35.51	35.44	35.44	35.45	35.46	35.40	35.44	35.34	35.40	35.41	35.41	35.41	35.42

					03-24 08:00	03-24 08:30	03-24 09:00	03-24 09:30	03-24 10:00	03-24 10:30	03-24 11:00	03-24 11:30	03-24 12:00	03-24 12:30	03-24 13:00	03-24 13:30	03-24 14:00	03-24 14:30	03-24 15:00	03-24 15:30
TSP	20	mg/Sm³	12	1	0.04	0.05	0.05	0.05	0.05	0.06	0.08	0.09	0.09	0.10	0.11	0.09	0.08	0.08	0.07	0.06
SOx	30	ppm	12	1	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.77	0.51	0.23	0.02	0.00	0.00	0.00
NOx	70	ppm	12	1	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.32	0.35	0.32	0.29	0.22	0.18	0.05
HCl	15	ppm	12	1	0.03	0.05	0.10	0.10	0.14	0.19	0.20	0.23	0.36	0.50	0.54	0.54	0.54	0.55	0.58	0.59
CO	50	ppm	12	1	0.02	0.02	0.03	0.04	0.06	0.07	0.07	0.08	0.04	0.04	0.04	0.05	0.05	0.04	0.05	0.05
O_2		%	0	0.1	20.90	20.90	20.90	20.84	20.70	20.68	20.68	20.68	20.68	20.68	20.68	20.67	20.67	20.67	20.67	20.67
FL1		Sm³	12	10	1,152	620	1,000	641	394	563	1,272	1,883	1,914	1,990	2,079	1,843	1,242	727	546	773
TMP		℃	0	1	7.42	7.93	8.37	8.65	8.82	9.11	9.73	10.18	10.65	11.04	11.48	11.72	11.90	11.99	12.07	12.13
TM1		℃	0	1	12.19	12.41	12.25	12.51	12.50	12.74	13.05	13.08	13.05	13.41	13.11	13.11	12.82	13.19	13.15	13.25
TM3		℃	0	1	35.54	35.40	35.33	35.46	35.34	35.37	35.26	35.08	35.14	35.26	35.38	35.42	35.42	35.42	35.31	35.26

					03-24 16:00	03-24 16:30	03-24 17:00	03-24 17:30	03-24 18:00	03-24 18:30	03-24 19:00	03-24 19:30	03-24 20:00	03-24 20:30	03-24 21:00	03-24 21:30	03-24 22:00	03-24 22:30	03-24 23:00	03-24 23:30
TSP	20	mg/Sm³	12	1	0.10	0.09	0.09	0.08	0.08	0.08	0.07	0.06	0.08	0.08	0.06	0.06	0.07	0.06	0.06	0.06
SOx	30	ppm	12	1	0.15	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.61	1.04	1.42	1.73	2.14	2.37	2.60
NOx	70	ppm	12	1	0.04	0.06	0.04	0.05	0.03	0.00	0.00	0.00	0.19	0.73	1.19	1.46	1.52	1.63	1.53	1.45
HCl	15	ppm	12	1	0.25	0.12	0.13	0.15	0.17	0.19	0.20	0.21	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
O_2		%	0	0.1	20.67	20.66	20.64	20.61	20.58	20.58	20.60	20.62	20.64	20.65	20.66	20.67	20.67	20.67	20.67	20.67
FL1		Sm³	12	10	1,403	1,880	2,133	926	616	1,032	274	231	232	443	803	977	1,954	1,350	870	345
TMP		℃	0	1	12.57	12.82	13.10	13.10	12.88	12.83	12.67	12.46	12.35	12.19	12.00	11.84	11.77	11.72	11.65	11.62
TM1		℃	0	1	13.31	13.24	13.53	13.37	13.45	13.36	13.33	13.31	13.45	13.27	13.42	13.42	13.23	13.35	13.18	13.15
TM3		℃	0	1	35.26	35.34	35.24	35.17	35.39	35.33	35.39	35.37	35.33	35.33	35.32	35.32	35.32	35.32	35.31	35.24

3월 25일 굴뚝별 트랜드

					03-25 00:00	03-25 00:30	03-25 01:00	03-25 01:30	03-25 02:00	03-25 02:30	03-25 03:00	03-25 03:30	03-25 04:00	03-25 04:30	03-25 05:00	03-25 05:30	03-25 06:00	03-25 06:30	03-25 07:00	03-25 07:30
TSP	20	mg/Sm³	12	1	0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03
SOx	30	ppm	12	1	0.86	0.10	0.47	0.93	1.37	1.88	2.27	2.67	0.94	0.00	0.00	0.12	0.51	0.70	0.85	0.56
NOx	70	ppm	12	1	0.46	0.13	0.36	0.75	1.11	1.38	1.56	1.73	0.59	0.01	0.11	0.22	0.45	0.56	0.64	0.30
HCl	15	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	0.00	0.00
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	0.00	0.00
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	20.68	20.68	20.69	20.69
FL1		Sm³	12	10	230	219	195	185	187	203	220	230	232	233	233	233	234	233	233	233
TMP		℃	0	1	11.30	10.99	10.75	10.53	10.29	10.05	9.94	9.75	9.61	9.42	9.21	9.15	8.91	8.80	8.81	8.98
TM1		℃	0	1	13.13	12.89	13.06	12.90	12.91	12.77	12.75	12.65	12.80	12.49	12.63	12.43	12.54	12.27	12.38	12.29
TM3		℃	0	1	35.26	35.19	35.09	35.01	34.97	34.99	34.96	35.12	35.12	35.13	35.21	35.03	35.14	35.10	35.07	35.05

					03-25 08:00	03-25 08:30	03-25 09:00	03-25 09:30	03-25 10:00	03-25 10:30	03-25 11:00	03-25 11:30	03-25 12:00	03-25 12:30	03-25 13:00	03-25 13:30	03-25 14:00	03-25 14:30	03-25 15:00	03-25 15:30
TSP	20	mg/Sm³	12	1	0.03	0.05	0.04	0.04	0.05	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.04	0.05	0.05
SOx	30	ppm	12	1	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	1.07	1.09	0.92	0.95	0.88	0.84	0.78
NOx	70	ppm	12	1	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.51	0.78	1.07	1.38	1.63	1.82	1.93
HCl	15	ppm	12	1	0.02	0.05	0.11	0.17	0.28	0.35	0.38	0.44	0.43	0.48	0.48	0.44	0.45	0.42	0.42	0.43
CO	50	ppm	12	1	0.01	0.02	0.01	0.02	0.01	0.00	0.00	0.00	0.03	0.05	0.07	0.08	0.08	0.08	0.08	0.08
O_2		%	0	0.1	20.68	20.68	20.68	20.68	20.66	20.57	20.49	20.48	20.46	20.46	20.46	20.47	20.46	20.46	20.45	20.45
FL1		Sm³	12	10	232	232	231	231	289	546	1,327	934	673	670	594	81	166	49	98	61
TMP		℃	0	1	9.29	9.52	9.58	9.59	10.28	11.09	11.70	12.14	12.46	12.68	12.92	13.09	13.06	13.18	13.24	13.51
TM1		℃	0	1	12.51	12.80	12.75	12.95	13.29	13.56	13.82	13.61	13.62	13.87	13.82	13.75	14.01	14.00	13.99	14.10
TM3		℃	0	1	35.17	35.22	35.20	35.21	35.14	35.09	35.14	35.14	35.18	35.16	35.17	35.21	35.21	35.29	35.24	35.16

					03-25 16:00	03-25 16:30	03-25 17:00	03-25 17:30	03-25 18:00	03-25 18:30	03-25 19:00	03-25 19:30	03-25 20:00	03-25 20:30	03-25 21:00	03-25 21:30	03-25 22:00	03-25 22:30	03-25 23:00	03-25 23:30
TSP	20	mg/Sm³	12	1	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.03	0.04	0.04	0.04	0.03	0.03
SOx	30	ppm	12	1	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.85	1.30	1.74	2.17	2.69	3.16	3.40
NOx	70	ppm	12	1	0.65	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.65	1.10	1.47	1.64	1.83	1.96	1.98
HCl	15	ppm	12	1	0.16	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.10	0.01	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.03	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
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	20.28	20.45	20.46	20.47	20.52	20.57
FL1		Sm³	12	10	4	106	185	421	126	242	14	97	2	0	0	0	0	0	0	0
TMP		℃	0	1	13.57	13.85	14.09	14.00	14.13	14.10	13.98	13.68	13.51	13.30	13.09	12.86	12.82	12.79	12.45	12.12
TM1		℃	0	1	13.81	14.09	14.14	14.17	14.20	14.09	14.28	14.22	13.99	14.29	14.35	14.24	14.03	13.99	14.09	13.89
TM3		℃	0	1	35.26	35.36	35.37	35.42	35.26	35.29	35.39	35.44	35.48	35.48	35.46	35.42	35.35	35.40	35.40	35.26