4월 10일 굴뚝별 트랜드

					04-10 00:00	04-10 00:30	04-10 01:00	04-10 01:30	04-10 02:00	04-10 02:30	04-10 03:00	04-10 03:30	04-10 04:00	04-10 04:30	04-10 05:00	04-10 05:30	04-10 06:00	04-10 06:30	04-10 07:00	04-10 07:30
TSP	20	mg/S m³	12	1	0.59	0.48	0.49	0.48	0.50	0.54	0.47	0.46	0.63	0.43	0.49	0.45	0.58	0.50	0.52	0.48
SOx	30	ppm	12	1	0.20	0.61	0.00	1.16	0.00	0.00	0.27	0.17	1.35	0.12	0.00	0.67	0.00	0.27	0.28	0.00
NOx	70	ppm	12	1	27.51	20.40	20.45	17.86	20.25	19.90	18.92	22.05	26.70	24.26	25.93	35.37	24.08	24.09	20.33	21.00
HCl	15	ppm	12	1	7.55	6.31	6.18	8.18	5.26	4.23	3.02	3.25	4.81	2.63	4.58	4.41	4.99	3.21	6.94	5.45
CO	50	ppm	12	1	0.47	0.38	0.57	0.38	0.49	0.84	0.46	1.16	2.04	1.86	0.45	0.40	1.54	0.86	0.86	0.77
O_2		%	0	0.1	8.45	6.81	7.20	6.88	7.42	8.33	6.32	6.06	9.77	5.34	7.03	5.99	9.21	7.38	7.84	7.00
FL1		Sm³	12	10	13,645	15,682	15,357	15,522	15,058	13,846	16,564	17,060	12,874	18,064	15,818	16,989	13,042	15,017	14,324	15,575
TMP		℃	0	1	184.53	185.16	184.52	184.06	183.88	182.96	183.16	184.16	184.42	184.58	185.04	185.09	183.85	183.01	183.28	183.52
TM1		℃	0	1	1,074.67	1,036.15	1,019.01	1,034.87	1,013.59	967.59	1,039.32	1,046.04	1,019.93	1,078.71	1,023.28	1,077.46	926.38	1,002.42	1,004.26	1,010.77
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					04-10 08:00	04-10 08:30	04-10 09:00	04-10 09:30	04-10 10:00	04-10 10:30	04-10 11:00	04-10 11:30	04-10 12:00	04-10 12:30	04-10 13:00	04-10 13:30	04-10 14:00	04-10 14:30	04-10 15:00	04-10 15:30
TSP	20	mg/S m³	12	1	0.61	0.49	0.46	0.45	0.49	0.47	0.48	0.50	0.61	0.45	0.46	0.45	0.49	0.48	0.50	0.52
SOx	30	ppm	12	1	0.00	0.16	0.44	0.93	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.35
NOx	70	ppm	12	1	21.99	23.25	19.52	21.68	22.51	23.44	23.34	20.51	19.44	25.10	18.46	23.38	18.82	24.47	23.36	20.23
HCl	15	ppm	12	1	7.16	4.26	7.19	9.30	7.14	5.75	4.80	5.17	7.79	4.31	4.30	4.80	8.88	6.11	9.65	12.14
CO	50	ppm	12	1	0.80	0.65	0.54	0.43	0.62	1.09	0.55	0.61	1.50	0.78	0.67	0.59	0.66	0.59	0.96	0.95
O_2		%	0	0.1	8.80	7.06	6.28	6.02	7.41	6.85	7.46	7.93	11.49	7.39	7.25	6.93	8.43	7.85	8.21	8.55
FL1		Sm³	12	10	13,405	15,611	16,737	16,576	14,918	15,215	14,391	13,861	10,432	13,995	14,385	15,031	13,024	14,210	14,252	14,031
TMP		℃	0	1	184.28	184.50	185.56	186.24	185.83	185.17	184.32	184.43	183.27	181.16	182.74	184.05	184.41	184.10	185.46	186.25
TM1		℃	0	1	1,037.92	1,004.43	1,030.25	1,064.99	1,004.68	1,022.54	1,004.37	993.18	950.16	1,011.86	1,012.21	1,038.10	1,003.97	1,032.14	996.49	991.24
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					04-10 16:00	04-10 16:30	04-10 17:00	04-10 17:30	04-10 18:00	04-10 18:30	04-10 19:00	04-10 19:30	04-10 20:00	04-10 20:30	04-10 21:00	04-10 21:30	04-10 22:00	04-10 22:30	04-10 23:00	04-10 23:30
TSP	20	mg/S m³	12	1	0.63	0.50	0.44	0.40	0.40	0.41	0.43	0.44	0.56	0.45	0.44	0.41	0.43	0.44	0.42	0.41
SOx	30	ppm	12	1	0.00	0.87	0.07	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
NOx	70	ppm	12	1	25.35	22.21	15.73	16.68	19.06	18.08	20.05	18.37	27.74	19.55	19.87	18.06	18.85	16.89	20.00	18.94
HCl	15	ppm	12	1	12.65	8.46	5.08	2.52	2.39	2.59	3.19	3.08	3.69	3.72	3.80	3.85	3.55	3.67	2.99	3.66
CO	50	ppm	12	1	1.28	0.70	27.10	7.23	2.27	11.10	0.78	15.02	1.67	0.76	0.65	0.60	0.80	0.68	0.38	2.82
O_2		%	0	0.1	11.17	8.18	6.76	5.58	5.54	6.01	6.41	6.80	9.03	7.12	6.99	6.26	6.60	6.96	6.33	5.89
FL1		Sm³	12	10	11,964	14,204	13,506	15,244	15,652	15,296	14,964	14,445	12,030	14,039	14,155	14,865	14,637	13,965	14,753	15,435
TMP		℃	0	1	186.60	186.24	183.15	182.09	184.51	183.14	183.15	182.79	182.59	182.55	182.20	182.37	182.40	182.17	181.88	182.40
TM1		℃	0	1	977.96	1,015.30	1,030.58	1,070.95	1,069.10	1,050.80	1,044.24	1,020.84	1,057.14	1,014.33	1,017.02	1,034.17	1,029.06	1,025.22	1,058.98	1,055.69
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

4월 11일 굴뚝별 트랜드

					04-11 00:00	04-11 00:30	04-11 01:00	04-11 01:30	04-11 02:00	04-11 02:30	04-11 03:00	04-11 03:30	04-11 04:00	04-11 04:30	04-11 05:00	04-11 05:30	04-11 06:00	04-11 06:30	04-11 07:00	04-11 07:30
TSP	20	mg/Sm³	12	1	0.54	0.43	0.39	0.39	0.44	0.42	0.41	0.40	0.52	0.41	0.44	0.40	0.42	0.39	0.41	0.47
SOx	30	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	0.21	4.09
NOx	70	ppm	12	1	17.32	14.12	17.88	17.80	18.78	14.50	17.83	19.70	22.29	19.11	13.15	20.25	15.99	16.03	16.54	20.76
HCl	15	ppm	12	1	5.64	3.27	2.66	2.83	3.24	2.65	2.57	2.80	3.99	3.42	3.81	3.79	4.63	3.88	5.19	7.10
CO	50	ppm	12	1	1.62	8.38	12.85	8.71	0.33	0.29	0.42	0.27	0.56	0.23	0.62	0.42	0.53	4.75	28.42	0.90
O_2		%	0	0.1	8.93	6.94	5.78	5.43	7.32	6.63	6.45	5.83	9.08	6.05	7.44	5.78	6.69	5.16	5.93	7.82
FL1		Sm³	12	10	11,846	13,399	15,148	15,565	13,284	13,727	14,093	14,799	11,954	14,621	13,516	15,330	14,475	16,303	15,121	13,841
TMP		℃	0	1	182.55	181.89	180.86	181.69	181.57	180.35	180.10	180.97	181.49	181.57	181.89	182.28	182.91	183.59	183.62	183.25
TM1		℃	0	1	1,057.21	1,029.11	1,067.30	1,087.93	1,040.87	1,053.83	1,062.97	1,086.85	1,052.97	1,086.35	999.42	1,065.91	1,020.70	1,048.11	1,053.79	1,005.86
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					04-11 08:00	04-11 08:30	04-11 09:00	04-11 09:30	04-11 10:00	04-11 10:30	04-11 11:00	04-11 11:30	04-11 12:00	04-11 12:30	04-11 13:00	04-11 13:30	04-11 14:00	04-11 14:30	04-11 15:00	04-11 15:30
TSP	20	mg/Sm³	12	1	0.56	0.40	0.46	0.40	0.40	0.37	0.41	0.42	0.56	0.38	0.40	0.43	0.42	0.41	0.42	0.42
SOx	30	ppm	12	1	27.62	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.01	0.00	0.08	0.00
NOx	70	ppm	12	1	28.08	23.43	17.80	18.78	17.79	17.94	15.79	15.25	21.39	20.08	18.00	10.64	13.89	18.58	19.07	20.25
HCl	15	ppm	12	1	31.07	8.08	7.74	3.57	3.83	4.39	4.83	6.29	7.30	4.66	5.56	4.33	4.19	3.47	4.09	3.64
CO	50	ppm	12	1	3.58	21.18	0.75	1.08	5.93	20.36	7.90	2.12	5.14	20.73	1.37	7.91	2.81	2.01	18.05	0.63
O_2		%	0	0.1	10.06	5.65	7.69	6.00	5.52	4.73	5.62	5.53	9.71	4.68	5.79	7.16	6.81	6.23	6.38	6.71
FL1		Sm³	12	10	10,567	16,301	13,476	15,534	16,056	16,738	15,856	15,781	11,648	16,639	15,510	13,627	14,128	15,117	14,790	14,280
TMP		℃	0	1	183.63	183.80	183.89	182.85	183.20	184.50	184.95	184.78	184.35	184.43	184.47	183.57	182.60	182.87	183.27	183.05
TM1		℃	0	1	1,052.67	1,098.85	994.26	1,034.55	1,052.57	1,084.93	1,053.04	1,062.62	1,025.71	1,112.43	1,076.51	1,009.00	1,028.93	1,039.93	1,031.94	1,031.82
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.24	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					04-11 16:00	04-11 16:30	04-11 17:00	04-11 17:30	04-11 18:00	04-11 18:30	04-11 19:00	04-11 19:30	04-11 20:00	04-11 20:30	04-11 21:00	04-11 21:30	04-11 22:00	04-11 22:30	04-11 23:00	04-11 23:30
TSP	20	mg/Sm³	12	1	0.52	0.40	0.43	0.39	0.39	0.40	0.40	0.42	0.51	0.39	0.42	0.42	0.42	0.41	0.41	0.41
SOx	30	ppm	12	1	0.85	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.08	0.27	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	23.83	18.01	17.38	18.81	18.94	19.57	18.90	16.11	19.94	19.69	18.90	17.56	18.54	17.60	19.50	20.93
HCl	15	ppm	12	1	5.31	5.11	4.46	4.22	4.86	4.49	4.28	4.21	4.24	5.05	4.35	4.38	4.42	4.30	4.47	4.70
CO	50	ppm	12	1	28.13	1.14	0.93	9.85	11.85	17.07	16.27	1.09	2.81	2.11	5.03	0.53	0.45	0.76	0.57	0.47
O_2		%	0	0.1	8.28	6.36	6.88	5.54	5.64	6.02	5.93	6.61	8.90	5.86	6.54	6.33	6.29	6.32	6.14	6.19
FL1		Sm³	12	10	12,389	14,789	14,106	15,486	15,745	15,232	15,371	14,418	12,243	15,237	14,655	14,930	14,989	14,932	15,135	15,184
TMP		℃	0	1	183.12	183.15	183.01	182.83	183.05	183.23	183.08	182.72	181.10	180.69	181.89	182.11	182.45	182.30	182.25	182.74
TM1		℃	0	1	1,091.03	1,047.90	1,019.94	1,079.50	1,068.79	1,044.97	1,059.06	1,032.79	1,047.95	1,081.94	1,036.75	1,039.59	1,033.39	1,038.53	1,056.07	1,048.15
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.24	36.22	36.21	36.21	36.21	36.21

4월 12일 굴뚝별 트랜드

					04-12 00:00	04-12 00:30	04-12 01:00	04-12 01:30	04-12 02:00	04-12 02:30	04-12 03:00	04-12 03:30	04-12 04:00	04-12 04:30	04-12 05:00	04-12 05:30	04-12 06:00	04-12 06:30	04-12 07:00	04-12 07:30
TSP	20	mg/Sm³	12	1	0.55	0.43	0.45	0.47	0.45	0.44	0.43	0.45	0.57	0.47	0.44	0.46	0.47	0.53	0.42	0.39
SOx	30	ppm	12	1	0.00	0.44	0.00	0.00	0.00	0.94	0.02	0.16	0.00	0.00	0.04	0.09	0.12	0.00	0.29	0.06
NOx	70	ppm	12	1	25.85	17.75	22.01	19.14	22.90	21.71	24.42	20.59	31.46	19.35	23.02	22.11	19.09	19.69	18.41	21.06
HCl	15	ppm	12	1	6.53	4.26	4.50	4.52	3.97	4.68	5.19	6.54	8.06	6.00	4.55	5.53	8.32	7.68	5.62	4.93
CO	50	ppm	12	1	0.74	24.35	0.43	0.61	0.41	0.29	0.23	0.33	0.42	0.48	0.42	0.46	0.50	0.87	0.41	19.92
O_2		%	0	0.1	9.53	6.77	7.38	7.64	6.90	6.82	6.43	7.01	8.91	7.50	6.57	7.04	7.56	8.54	5.75	4.75
FL1		Sm³	12	10	11,537	13,864	13,667	13,488	14,091	13,925	14,573	13,826	11,940	13,369	14,445	14,239	13,626	12,623	14,937	16,662
TMP		℃	0	1	182.26	180.08	179.36	180.51	180.30	179.62	180.23	180.57	180.78	180.69	180.16	180.59	180.99	180.44	179.83	181.48
TM1		℃	0	1	1,023.88	1,049.83	1,051.85	1,031.64	1,061.18	1,074.49	1,096.73	1,067.90	1,071.38	1,040.76	1,056.84	1,048.21	1,029.95	990.55	1,062.40	1,101.29
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					04-12 08:00	04-12 08:30	04-12 09:00	04-12 09:30	04-12 10:00	04-12 10:30	04-12 11:00	04-12 11:30	04-12 12:00	04-12 12:30	04-12 13:00	04-12 13:30	04-12 14:00	04-12 14:30	04-12 15:00	04-12 15:30
TSP	20	mg/Sm³	12	1	0.56	0.44	0.40	0.34	9.45	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.32	0.32	0.32	0.41
SOx	30	ppm	12	1	1.08	1.28	0.05	18.99	7.84	0.00	0.00	0.00	0.06	0.33	1.21	1.44	0.62	0.30	1.15	0.00
NOx	70	ppm	12	1	23.71	15.35	17.26	41.65	17.50	0.48	0.32	0.33	0.10	0.91	0.97	5.74	29.57	27.20	29.25	21.15
HCl	15	ppm	12	1	7.63	9.56	4.29	12.07	10.06	0.19	0.17	0.19	0.25	0.35	0.21	1.03	6.97	11.27	12.89	5.05
CO	50	ppm	12	1	20.30	14.69	14.18	51.94	21.40	0.00	0.00	0.00	0.00	0.00	0.00	7.97	1.60	1.29	1.15	1.28
O_2		%	0	0.1	8.53	6.29	9.25	12.27	14.49	20.91	20.90	20.90	20.89	20.69	20.68	17.67	6.00	7.81	7.62	6.44
FL1		Sm³	12	10	12,680	14,746	17,207	19,011	18,919	19,628	19,645	19,127	18,860	19,636	19,153	19,000	19,698	19,380	19,480	15,335
TMP		℃	0	1	181.91	181.84	181.77	182.16	183.36	184.28	185.31	186.09	185.16	185.39	186.47	185.61	184.73	184.54	183.95	183.95
TM1		℃	0	1	1,063.35	1,042.49	1,078.71	1,067.07	1,116.84	1,095.22	1,129.29	1,130.96	1,013.29	1,071.77	1,144.51	1,085.55	1,052.47	1,009.25	1,020.02	1,046.47
TM3		℃	0	1	36.21	36.21	36.23	36.24	36.23	36.22	36.23	36.22	36.22	36.25	36.21	36.22	36.21	36.22	36.21	36.21

					04-12 16:00	04-12 16:30	04-12 17:00	04-12 17:30	04-12 18:00	04-12 18:30	04-12 19:00	04-12 19:30	04-12 20:00	04-12 20:30	04-12 21:00	04-12 21:30	04-12 22:00	04-12 22:30	04-12 23:00	04-12 23:30
TSP	20	mg/Sm³	12	1	0.53	0.46	0.37	0.40	0.41	0.42	0.42	0.41	0.52	0.42	0.40	0.43	0.45	0.44	0.44	0.44
SOx	30	ppm	12	1	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.39	0.38	2.19	0.00	0.00	0.00	0.00	0.21
NOx	70	ppm	12	1	23.83	14.34	19.79	16.65	16.81	16.42	17.97	17.21	23.46	12.74	14.49	16.56	12.63	14.51	13.50	13.89
HCl	15	ppm	12	1	4.68	3.16	1.39	2.21	2.68	3.28	3.10	3.69	6.81	6.36	9.05	5.83	5.27	4.13	3.81	3.10
CO	50	ppm	12	1	6.92	1.10	33.92	2.10	3.19	1.08	0.70	1.58	12.77	1.77	12.96	1.88	1.37	0.87	0.65	6.50
O_2		%	0	0.1	8.82	7.88	5.30	6.13	6.51	7.39	6.79	6.38	8.47	6.74	6.13	6.81	7.71	7.31	7.15	6.70
FL1		Sm³	12	10	12,285	12,999	15,859	15,230	14,692	13,421	14,390	14,700	12,620	14,348	14,790	14,294	13,305	14,032	14,005	14,743
TMP		℃	0	1	183.41	182.65	181.65	182.38	182.48	182.18	182.03	182.22	182.12	181.93	181.64	181.89	180.97	180.24	180.93	181.55
TM1		℃	0	1	1,061.63	970.27	1,086.89	1,034.63	1,013.63	1,003.17	1,015.77	1,035.94	1,036.95	998.31	1,042.30	1,009.39	964.81	986.91	1,004.39	1,034.21
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21