4월 4일 굴뚝별 트랜드

					04-04 00:00	04-04 00:30	04-04 01:00	04-04 01:30	04-04 02:00	04-04 02:30	04-04 03:00	04-04 03:30	04-04 04:00	04-04 04:30	04-04 05:00	04-04 05:30	04-04 06:00	04-04 06:30	04-04 07:00	04-04 07:30
TSP	20	mg/Sm³	12	1	0.53	0.40	0.39	0.41	0.41	0.40	0.38	0.40	0.53	0.39	0.38	0.42	0.42	0.42	0.43	0.43
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.26	0.43	0.00	0.09	0.00	1.74	0.10	0.04	0.00	0.00	0.00
NOx	70	ppm	12	1	21.10	20.81	16.58	19.40	19.47	17.25	17.18	18.45	19.95	17.90	18.45	17.88	20.26	17.42	18.55	24.08
HCl	15	ppm	12	1	5.65	4.03	4.09	4.15	4.35	4.88	7.17	5.35	8.58	5.21	5.15	6.04	5.65	5.69	6.57	5.26
CO	50	ppm	12	1	1.35	1.07	1.31	0.73	1.18	2.82	4.06	1.83	7.53	0.76	30.27	24.37	10.79	9.59	9.96	5.28
O_2		%	0	0.1	9.75	6.29	6.42	6.65	6.62	6.19	5.75	6.07	8.56	6.05	5.06	6.35	6.20	6.39	6.54	6.27
FL1		Sm³	12	10	11,075	14,177	13,845	13,608	13,998	14,498	14,883	14,405	11,968	14,312	15,385	14,180	14,203	14,169	13,864	15,611
TMP		℃	0	1	180.48	180.92	180.94	180.70	181.34	181.75	180.86	180.66	180.90	181.00	180.93	180.79	180.66	180.62	180.48	181.68
TM1		℃	0	1	996.49	1,023.37	1,011.28	1,025.44	1,007.51	1,011.45	1,029.91	1,026.42	1,044.83	1,045.25	1,079.69	1,030.04	1,046.63	1,022.78	1,024.05	1,041.16
TM3		℃	0	1	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.85

					04-04 08:00	04-04 08:30	04-04 09:00	04-04 09:30	04-04 10:00	04-04 10:30	04-04 11:00	04-04 11:30	04-04 12:00	04-04 12:30	04-04 13:00	04-04 13:30	04-04 14:00	04-04 14:30	04-04 15:00	04-04 15:30
TSP	20	mg/Sm³	12	1	0.59	0.43	0.44	0.43	0.45	0.45	0.44	0.47	0.62	0.51	0.41	0.43	0.41	0.49	0.41	0.41
SOx	30	ppm	12	1	0.00	0.21	0.00	0.00	0.05	0.00	0.43	0.16	1.52	0.00	0.99	0.17	0.62	0.00	0.71	2.61
NOx	70	ppm	12	1	35.30	21.13	25.38	27.49	26.03	24.92	25.45	23.24	28.01	21.68	24.82	21.38	21.20	24.69	22.71	26.71
HCl	15	ppm	12	1	7.76	8.15	4.93	4.95	3.26	3.29	4.26	5.99	8.30	4.36	5.06	8.13	4.82	4.83	4.73	4.88
CO	50	ppm	12	1	0.64	0.41	0.37	0.18	0.30	1.29	13.95	4.59	40.17	0.91	26.75	1.47	29.66	1.01	23.01	1.51
O_2		%	0	0.1	10.19	6.36	6.31	6.17	6.35	6.42	5.61	6.42	9.11	8.16	5.08	6.33	5.42	7.60	5.18	5.46
FL1		Sm³	12	10	11,926	15,012	16,084	16,002	15,997	16,234	17,376	16,044	11,625	13,722	17,390	14,676	16,033	14,043	16,949	16,673
TMP		℃	0	1	182.99	182.46	183.02	183.54	183.17	182.59	183.28	183.52	182.73	181.74	181.87	181.19	179.96	179.57	179.99	179.78
TM1		℃	0	1	1,015.36	1,043.83	1,052.19	1,077.74	1,059.21	1,030.11	1,057.55	1,038.44	1,058.23	966.72	1,098.57	1,055.88	1,077.76	995.90	1,081.96	1,082.51
TM3		℃	0	1	35.85	35.85	35.84	35.84	35.84	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.83	35.84	35.85	35.85

					04-04 16:00	04-04 16:30	04-04 17:00	04-04 17:30	04-04 18:00	04-04 18:30	04-04 19:00	04-04 19:30	04-04 20:00	04-04 20:30	04-04 21:00	04-04 21:30	04-04 22:00	04-04 22:30	04-04 23:00	04-04 23:30
TSP	20	mg/Sm³	12	1	0.58	0.44	0.43	0.50	0.47	0.47	0.44	0.45	0.58	0.44	0.50	0.44	0.45	0.51	0.45	0.47
SOx	30	ppm	12	1	4.76	0.00	1.93	8.32	16.97	19.41	7.17	0.00	0.00	1.39	0.23	11.69	1.74	0.00	0.88	0.07
NOx	70	ppm	12	1	36.04	31.79	27.00	23.12	22.77	22.25	22.43	19.73	23.44	21.43	22.90	20.34	30.16	21.33	21.01	25.48
HCl	15	ppm	12	1	9.68	0.70	2.39	9.37	14.10	12.16	8.91	6.85	6.91	5.35	5.77	8.55	6.65	6.02	5.00	6.33
CO	50	ppm	12	1	11.94	12.94	0.57	1.68	8.80	4.67	2.63	1.72	0.81	19.17	3.27	56.78	0.73	0.78	22.75	4.03
O_2		%	0	0.1	8.93	6.50	6.38	8.13	7.29	7.51	6.90	7.38	10.92	6.80	8.10	6.00	6.69	8.41	6.32	7.20
FL1		Sm³	12	10	12,604	15,702	15,360	13,520	14,010	13,536	13,815	13,158	10,533	14,494	13,256	15,217	14,814	12,793	15,294	14,152
TMP		℃	0	1	180.03	176.63	174.04	175.41	176.35	175.50	174.83	175.07	174.78	174.65	176.25	177.39	177.81	177.52	177.99	178.26
TM1		℃	0	1	1,075.28	1,065.37	1,053.61	979.98	1,010.77	1,011.36	1,028.36	1,006.57	970.63	1,046.69	1,004.13	1,074.50	1,068.99	998.83	1,061.47	1,043.74
TM3		℃	0	1	35.85	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86

4월 5일 굴뚝별 트랜드

					04-05 00:00	04-05 00:30	04-05 01:00	04-05 01:30	04-05 02:00	04-05 02:30	04-05 03:00	04-05 03:30	04-05 04:00	04-05 04:30	04-05 05:00	04-05 05:30	04-05 06:00	04-05 06:30	04-05 07:00	04-05 07:30
TSP	20	mg/Sm³	12	1	0.59	0.48	0.48	0.50	0.45	0.46	0.48	0.48	0.58	0.47	0.45	0.45	0.43	0.46	0.48	0.43
SOx	30	ppm	12	1	0.04	0.00	6.31	0.19	1.72	0.01	0.00	0.01	0.01	1.13	12.23	3.85	0.82	2.21	0.62	0.01
NOx	70	ppm	12	1	39.14	25.08	21.60	21.35	23.87	23.33	26.59	23.74	38.87	28.08	25.47	21.40	24.76	23.65	19.00	21.13
HCl	15	ppm	12	1	6.90	5.00	8.88	10.25	8.77	7.61	5.98	6.09	5.39	5.58	12.54	9.49	7.00	6.24	5.34	4.58
CO	50	ppm	12	1	0.79	1.14	28.26	1.21	6.25	0.38	0.38	1.00	0.99	0.56	34.64	23.94	23.06	22.06	20.65	24.47
O_2		%	0	0.1	9.45	7.38	7.02	8.16	6.52	6.79	7.36	7.41	9.14	7.17	6.11	6.62	5.83	6.92	7.41	5.90
FL1		Sm³	12	10	11,965	13,807	14,353	13,144	15,071	14,500	13,981	13,763	12,143	14,209	15,336	14,762	15,772	14,287	13,830	16,084
TMP		℃	0	1	178.45	178.40	178.41	177.95	178.49	178.69	178.59	178.34	178.45	178.13	178.32	178.52	178.60	178.10	177.95	179.45
TM1		℃	0	1	1,058.50	1,031.66	1,037.95	1,009.65	1,054.55	1,058.61	1,052.21	1,051.68	1,099.12	1,063.55	1,084.57	1,064.81	1,099.36	1,060.47	1,025.89	1,061.47
TM3		℃	0	1	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86	35.86

					04-05 08:00	04-05 08:30	04-05 09:00	04-05 09:30	04-05 10:00	04-05 10:30	04-05 11:00	04-05 11:30	04-05 12:00	04-05 12:30	04-05 13:00	04-05 13:30	04-05 14:00	04-05 14:30	04-05 15:00	04-05 15:30
TSP	20	mg/Sm³	12	1	0.60	0.49	0.47	0.49	0.56	0.57	0.46	0.36	0.36	0.36	0.37	0.36	0.36	0.36	0.36	0.42
SOx	30	ppm	12	1	0.00	0.00	0.05	0.00	0.00	9.30	0.01	20.29	0.08	0.00	0.00	6.30	3.86	1.29	0.94	0.86
NOx	70	ppm	12	1	26.51	18.01	22.02	23.48	25.03	41.59	19.64	49.84	0.80	0.60	0.39	28.25	30.75	34.82	34.21	18.40
HCl	15	ppm	12	1	6.39	5.76	5.11	8.16	10.27	5.13	7.56	20.19	12.06	0.28	0.32	21.52	25.71	22.72	20.40	0.80
CO	50	ppm	12	1	1.48	1.34	1.83	0.61	10.34	29.04	44.37	56.62	0.04	0.06	0.07	17.52	66.60	30.50	62.45	1.90
O_2		%	0	0.1	9.99	7.56	6.65	6.15	8.25	5.73	5.95	6.15	19.44	20.90	20.90	10.61	5.63	5.46	6.25	14.95
FL1		Sm³	12	10	11,857	14,411	15,568	15,033	13,117	12,914	15,484	19,258	19,404	20,051	20,047	19,947	20,163	20,102	20,023	18,256
TMP		℃	0	1	180.15	181.24	181.90	182.74	182.88	182.39	182.05	182.09	182.41	183.06	183.69	184.30	184.31	184.57	184.43	184.25
TM1		℃	0	1	999.59	971.19	993.49	1,015.35	1,007.94	955.73	1,060.04	1,001.83	1,013.19	1,021.15	1,009.65	981.23	1,000.35	1,030.60	1,017.37	1,044.02
TM3		℃	0	1	35.86	35.86	35.86	35.86	35.86	35.70	35.79	36.08	36.08	36.14	36.16	36.15	36.13	36.09	36.09	36.03

					04-05 16:00	04-05 16:30	04-05 17:00	04-05 17:30	04-05 18:00	04-05 18:30	04-05 19:00	04-05 19:30	04-05 20:00	04-05 20:30	04-05 21:00	04-05 21:30	04-05 22:00	04-05 22:30	04-05 23:00	04-05 23:30
TSP	20	mg/Sm³	12	1	0.74	0.73	0.52	0.54	0.47	0.46	0.46	0.43	0.59	0.46	0.47	0.48	0.44	0.45	0.49	0.49
SOx	30	ppm	12	1	22.55	12.47	0.02	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.40	0.00	0.00
NOx	70	ppm	12	1	53.31	29.46	19.20	15.02	16.96	19.17	19.17	14.72	20.07	15.51	15.33	15.13	15.13	18.73	19.38	18.66
HCl	15	ppm	12	1	5.84	12.30	0.00	5.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	1.72	0.70
CO	50	ppm	12	1	60.32	30.32	7.96	1.46	2.03	3.89	2.72	21.13	1.20	3.57	3.31	2.31	30.64	29.17	0.93	0.99
O_2		%	0	0.1	3.25	3.73	7.07	5.82	6.95	6.68	6.63	5.68	9.67	6.63	6.91	7.08	5.92	6.20	7.76	7.72
FL1		Sm³	12	10	9,700	9,568	13,931	13,846	15,070	15,333	15,570	16,596	12,322	15,161	15,093	14,812	15,989	15,790	13,799	13,863
TMP		℃	0	1	183.85	183.02	182.60	182.34	182.64	182.51	182.14	182.68	182.50	182.17	182.00	182.12	181.72	181.74	181.88	180.98
TM1		℃	0	1	1,023.04	1,013.63	980.30	974.69	956.70	975.03	985.43	999.46	964.25	984.63	964.91	957.87	1,014.17	1,025.03	982.99	957.57
TM3		℃	0	1	35.75	35.76	35.78	36.07	36.15	36.14	36.18	36.21	36.21	36.24	36.25	36.25	36.25	36.25	36.25	36.25

4월 6일 굴뚝별 트랜드

					04-06 00:00	04-06 00:30	04-06 01:00	04-06 01:30	04-06 02:00	04-06 02:30	04-06 03:00	04-06 03:30	04-06 04:00	04-06 04:30	04-06 05:00	04-06 05:30	04-06 06:00	04-06 06:30	04-06 07:00	04-06 07:30
TSP	20	mg/Sm³	12	1	0.58	0.45	0.46	0.46	0.46	0.45	0.48	0.45	0.60	0.46	0.45	0.44	0.49	0.48	0.46	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	0.01	0.13	0.03	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	24.30	21.81	20.64	21.76	22.22	23.71	20.93	25.99	27.35	21.75	22.18	22.86	23.82	24.71	26.08	24.34
HCl	15	ppm	12	1	0.62	0.58	1.13	1.19	1.89	2.93	3.00	2.94	4.49	2.25	2.39	3.02	3.11	4.40	5.06	3.59
CO	50	ppm	12	1	5.60	3.75	2.49	2.13	0.77	1.14	1.13	1.25	9.15	15.73	27.73	2.06	0.63	0.78	0.56	0.53
O_2		%	0	0.1	9.10	6.17	6.61	6.74	7.01	6.77	7.57	6.79	9.54	6.85	6.34	6.46	7.89	7.45	6.97	7.17
FL1		Sm³	12	10	12,913	15,735	14,848	14,928	14,730	15,067	13,892	14,821	11,971	14,810	15,150	15,072	13,550	14,061	14,798	14,458
TMP		℃	0	1	179.87	180.37	179.92	179.67	179.28	179.24	179.16	179.16	179.80	179.87	179.90	180.04	179.59	179.18	179.17	179.50
TM1		℃	0	1	993.57	1,015.31	1,026.78	1,033.16	997.60	1,004.75	982.08	1,023.79	1,000.78	1,007.24	1,043.17	1,062.84	1,005.97	1,012.48	1,031.63	1,021.22
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					04-06 08:00	04-06 08:30	04-06 09:00	04-06 09:30	04-06 10:00	04-06 10:30	04-06 11:00	04-06 11:30	04-06 12:00	04-06 12:30	04-06 13:00	04-06 13:30	04-06 14:00	04-06 14:30	04-06 15:00	04-06 15:30
TSP	20	mg/Sm³	12	1	0.61	0.51	0.45	0.44	0.46	0.46	0.47	0.43	0.61	0.47	0.42	0.42	0.42	0.43	0.40	0.41
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.27	0.23	0.00	0.00	0.00	1.20	0.23	0.00	0.50	0.44	0.00
NOx	70	ppm	12	1	25.53	19.30	18.06	17.85	21.38	21.51	24.03	27.01	30.66	19.45	20.97	22.03	18.72	21.01	21.20	26.26
HCl	15	ppm	12	1	3.73	2.48	2.45	2.81	4.85	7.90	7.67	4.44	8.83	10.01	10.94	9.90	6.46	6.68	8.07	6.51
CO	50	ppm	12	1	1.01	1.15	0.57	3.55	0.42	0.49	0.39	0.28	0.69	0.91	0.48	1.65	0.39	0.52	0.38	0.38
O_2		%	0	0.1	10.27	8.20	6.68	6.22	6.99	7.04	7.29	6.23	10.04	7.24	5.97	5.73	6.03	6.54	5.59	5.81
FL1		Sm³	12	10	11,488	13,534	14,945	15,537	14,746	14,662	14,230	15,750	12,022	14,134	15,884	15,203	14,980	14,835	16,022	15,867
TMP		℃	0	1	179.78	179.86	180.46	180.73	181.19	180.73	180.54	180.55	181.49	181.26	180.91	180.92	180.12	179.91	180.22	180.68
TM1		℃	0	1	990.26	936.90	1,004.88	1,037.37	1,026.69	1,019.49	1,027.77	1,067.69	999.70	983.34	1,040.17	1,066.96	1,049.11	1,022.85	1,045.81	1,052.71
TM3		℃	0	1	36.25	36.26	36.25	36.25	36.26	36.27	36.26	36.27	36.27	36.27	36.27	36.28	36.28	36.28	36.28	36.28

					04-06 16:00	04-06 16:30	04-06 17:00	04-06 17:30	04-06 18:00	04-06 18:30	04-06 19:00	04-06 19:30	04-06 20:00	04-06 20:30	04-06 21:00	04-06 21:30	04-06 22:00	04-06 22:30	04-06 23:00	04-06 23:30
TSP	20	mg/Sm³	12	1	0.55	0.41	0.47	0.50	0.45	0.44	0.44	0.43	0.58	0.47	0.46	0.46	0.48	0.46	0.43	0.45
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.11	0.00	0.02	0.00	0.00	0.06	0.71	0.02
NOx	70	ppm	12	1	29.36	21.08	15.40	15.47	12.43	15.91	20.48	20.80	19.90	20.93	18.83	23.80	21.90	22.49	24.80	20.15
HCl	15	ppm	12	1	6.71	5.31	6.21	5.01	4.17	8.30	8.27	6.88	7.83	3.72	5.44	4.91	5.89	6.36	6.30	7.39
CO	50	ppm	12	1	0.91	0.46	1.02	1.20	5.25	0.82	0.61	0.37	1.57	1.49	3.23	0.48	0.72	0.48	0.27	0.38
O_2		%	0	0.1	8.77	6.11	7.86	8.65	7.39	6.80	6.36	6.17	9.28	7.44	7.15	7.12	7.69	6.86	5.95	6.76
FL1		Sm³	12	10	12,553	15,394	12,656	11,346	12,906	14,260	15,129	15,233	11,602	14,039	14,104	14,139	13,533	14,468	15,568	14,542
TMP		℃	0	1	181.46	181.60	182.17	181.66	181.23	181.67	181.12	180.54	180.25	179.89	180.08	180.27	180.35	180.33	180.38	180.60
TM1		℃	0	1	1,032.43	1,030.30	968.05	919.27	937.41	971.80	1,022.99	1,030.02	1,025.55	999.07	1,010.16	1,022.27	1,004.53	1,025.23	1,056.44	1,022.69
TM3		℃	0	1	36.25	36.27	36.26	36.27	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28