12월 5일 굴뚝별 트랜드

					12-05 00:00	12-05 00:30	12-05 01:00	12-05 01:30	12-05 02:00	12-05 02:30	12-05 03:00	12-05 03:30	12-05 04:00	12-05 04:30	12-05 05:00	12-05 05:30	12-05 06:00	12-05 06:30	12-05 07:00	12-05 07:30
TSP	20	mg/Sm³	12	1	0.46	0.37	0.39	0.38	0.39	0.39	0.37	0.38	0.49	0.39	0.40	0.38	0.49	0.38	0.36	0.39
SOx	30	ppm	12	1	0.01	0.24	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.36	0.00	2.74	0.01	0.44	10.30	0.00
NOx	70	ppm	12	1	26.21	18.75	19.13	18.83	17.73	16.69	16.92	16.37	16.09	19.88	18.49	17.60	24.15	24.69	27.73	20.82
HCl	15	ppm	12	1	2.30	1.40	1.24	1.93	2.41	1.46	2.13	1.32	2.98	1.91	3.85	3.90	3.40	2.11	5.49	3.67
CO	50	ppm	12	1	0.35	0.28	0.35	0.34	0.52	0.56	0.38	0.41	0.88	0.76	0.46	0.25	0.13	0.16	0.11	0.19
O_2		%	0	0.1	10.11	7.32	7.97	7.71	8.21	8.17	7.52	7.75	11.28	8.15	8.67	7.88	8.41	7.81	7.13	7.92
FL1		Sm³	12	10	12,024	14,205	13,618	13,795	13,280	13,469	14,144	14,001	10,832	13,453	12,677	13,683	12,943	13,816	14,675	12,980
TMP		℃	0	1	182.11	182.35	182.24	182.13	181.81	180.78	180.73	181.38	181.55	180.72	179.86	180.12	180.34	179.50	180.16	180.39
TM1		℃	0	1	1,047.75	1,058.57	1,012.29	1,025.54	1,002.07	986.59	1,017.31	1,010.97	983.34	991.56	998.15	1,049.13	1,049.41	1,059.95	1,087.65	1,056.01
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.26	36.26	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					12-05 08:00	12-05 08:30	12-05 09:00	12-05 09:30	12-05 10:00	12-05 10:30	12-05 11:00	12-05 11:30	12-05 12:00	12-05 12:30	12-05 13:00	12-05 13:30	12-05 14:00	12-05 14:30	12-05 15:00	12-05 15:30
TSP	20	mg/Sm³	12	1	0.49	0.37	0.38	0.42	0.38	0.36	0.40	0.38	0.45	0.36	0.35	0.37	0.34	0.35	0.36	0.34
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	4.32	1.03	0.00	0.00	0.21	0.00	0.00	0.00	2.95	1.31	0.00	0.00
NOx	70	ppm	12	1	25.95	26.87	23.29	20.76	25.61	39.09	24.25	28.95	39.14	25.43	37.79	21.91	28.95	27.58	27.50	34.17
HCl	15	ppm	12	1	0.97	0.00	0.27	0.47	5.76	5.34	4.57	1.94	2.52	0.62	0.16	1.09	0.57	3.24	1.83	0.70
CO	50	ppm	12	1	0.32	0.24	0.26	0.38	0.52	0.24	0.55	0.34	0.39	0.36	0.19	0.51	0.38	0.31	0.33	0.30
O_2		%	0	0.1	11.02	7.40	7.54	8.30	7.26	6.67	8.04	7.75	9.39	6.99	6.72	7.58	6.40	6.63	7.23	6.36
FL1		Sm³	12	10	10,614	14,069	14,057	13,679	15,045	15,262	14,172	14,846	12,859	14,820	15,204	14,084	15,718	15,222	14,572	15,685
TMP		℃	0	1	178.73	178.27	179.89	181.55	181.97	182.12	182.34	183.27	183.93	183.09	182.50	182.42	182.39	182.29	182.15	182.15
TM1		℃	0	1	1,040.82	1,062.65	1,055.33	1,019.59	1,040.63	1,063.29	1,017.47	1,045.72	1,074.31	1,047.23	1,067.70	1,026.77	1,054.77	1,055.24	1,051.97	1,067.22
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

					12-05 16:00	12-05 16:30	12-05 17:00	12-05 17:30	12-05 18:00	12-05 18:30	12-05 19:00	12-05 19:30	12-05 20:00	12-05 20:30	12-05 21:00	12-05 21:30	12-05 22:00	12-05 22:30	12-05 23:00	12-05 23:30
TSP	20	mg/Sm³	12	1	0.46	0.37	0.38	0.36	0.34	0.37	0.34	0.35	0.46	0.37	0.34	0.38	0.35	0.38	0.37	0.39
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.03	0.00	0.00	0.09	0.00	0.59	0.06	0.04	0.05
NOx	70	ppm	12	1	37.45	31.30	25.61	31.27	22.67	20.11	19.83	19.86	31.97	21.07	27.04	21.96	30.37	29.10	34.33	27.74
HCl	15	ppm	12	1	1.44	0.81	0.83	0.85	0.86	1.18	0.73	1.93	1.91	0.74	1.14	3.86	2.58	4.01	2.48	2.44
CO	50	ppm	12	1	0.35	0.29	0.43	0.41	0.62	0.94	0.53	0.77	0.52	0.49	0.28	0.60	0.31	0.42	0.20	0.56
O_2		%	0	0.1	10.24	7.77	8.00	7.46	6.54	7.70	6.35	6.82	9.56	7.40	6.27	7.93	6.35	7.33	7.32	7.73
FL1		Sm³	12	10	11,593	13,454	13,385	14,260	15,491	14,237	15,792	15,274	12,285	14,404	15,702	13,927	15,373	14,072	14,331	13,843
TMP		℃	0	1	182.03	181.14	180.37	180.34	182.41	182.84	181.78	182.39	182.95	182.52	182.49	182.50	182.17	181.04	180.84	181.76
TM1		℃	0	1	1,050.56	1,051.25	1,019.88	1,044.30	1,043.91	978.74	1,027.60	1,022.25	1,045.99	1,009.92	1,063.23	994.04	1,074.72	1,065.03	1,070.97	1,038.33
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

12월 6일 굴뚝별 트랜드

					12-06 00:00	12-06 00:30	12-06 01:00	12-06 01:30	12-06 02:00	12-06 02:30	12-06 03:00	12-06 03:30	12-06 04:00	12-06 04:30	12-06 05:00	12-06 05:30	12-06 06:00	12-06 06:30	12-06 07:00	12-06 07:30
TSP	20	mg/Sm³	12	1	0.44	0.38	0.44	0.37	0.36	0.39	0.35	0.36	0.46	0.38	0.34	0.39	0.34	0.38	0.37	0.32
SOx	30	ppm	12	1	4.79	0.35	0.00	4.81	0.52	0.00	0.00	0.00	0.52	0.00	0.24	0.00	0.00	0.74	0.00	8.37
NOx	70	ppm	12	1	35.60	34.12	24.07	29.24	26.82	26.78	28.09	15.55	21.66	17.65	20.09	23.79	28.09	21.69	17.51	28.42
HCl	15	ppm	12	1	2.09	2.79	7.59	4.89	2.79	1.66	0.80	0.12	0.55	0.54	0.74	1.72	0.00	0.85	0.07	0.20
CO	50	ppm	12	1	12.18	0.26	1.00	0.61	0.42	0.47	0.30	0.54	52.94	0.66	0.27	0.62	0.35	0.52	0.52	0.37
O_2		%	0	0.1	8.51	7.16	8.98	6.96	6.76	7.60	6.53	6.72	8.20	7.42	6.14	8.03	5.90	6.93	6.95	4.67
FL1		Sm³	12	10	13,246	14,997	12,938	16,087	15,202	13,387	14,950	14,377	12,140	13,596	15,441	13,955	16,767	15,281	14,290	18,390
TMP		℃	0	1	181.79	182.05	182.09	182.75	183.47	181.43	179.97	180.34	179.69	179.78	179.57	181.06	182.94	184.01	182.21	181.16
TM1		℃	0	1	1,081.63	1,056.49	993.49	1,045.10	1,058.37	1,032.87	1,061.40	1,011.28	1,093.16	1,013.02	1,072.93	1,010.62	1,062.43	1,041.79	1,012.45	1,094.69
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.27	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					12-06 08:00	12-06 08:30	12-06 09:00	12-06 09:30	12-06 10:00	12-06 10:30	12-06 11:00	12-06 11:30	12-06 12:00	12-06 12:30	12-06 13:00	12-06 13:30	12-06 14:00	12-06 14:30	12-06 15:00	12-06 15:30
TSP	20	mg/Sm³	12	1	0.46	0.36	0.41	0.40	0.38	0.38	0.40	0.36	0.47	0.37	0.33	0.38	0.37	0.36	0.36	0.39
SOx	30	ppm	12	1	3.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.35	6.22	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	29.98	34.30	24.92	34.09	33.64	39.10	23.61	32.25	27.71	22.60	31.05	20.15	27.78	23.54	25.61	26.28
HCl	15	ppm	12	1	5.56	1.05	1.23	2.29	2.74	5.28	3.56	2.12	3.70	9.47	7.36	5.94	3.95	3.92	1.78	1.22
CO	50	ppm	12	1	0.74	0.14	0.52	0.67	0.38	0.14	0.60	0.26	0.77	0.64	0.28	0.60	0.40	0.44	0.42	0.32
O_2		%	0	0.1	9.05	6.28	8.30	7.87	7.80	7.56	8.64	7.43	11.06	7.98	6.21	7.96	7.15	7.27	7.39	8.14
FL1		Sm³	12	10	13,360	16,018	13,116	14,034	13,562	13,450	12,542	13,882	11,462	13,665	16,245	14,087	15,044	13,864	13,373	13,322
TMP		℃	0	1	183.05	183.64	181.92	180.40	180.35	180.26	180.42	179.86	180.17	180.06	182.19	183.58	183.06	181.88	180.30	179.48
TM1		℃	0	1	1,070.23	1,090.71	1,022.01	1,040.14	1,042.96	1,072.79	1,009.15	1,058.33	1,001.52	1,013.91	1,071.57	1,000.57	1,043.43	1,044.14	1,051.10	1,045.53
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.29	36.30	36.32	36.32	36.29	36.28	36.28	36.28	36.28	36.28

					12-06 16:00	12-06 16:30	12-06 17:00	12-06 17:30	12-06 18:00	12-06 18:30	12-06 19:00	12-06 19:30	12-06 20:00	12-06 20:30	12-06 21:00	12-06 21:30	12-06 22:00	12-06 22:30	12-06 23:00	12-06 23:30
TSP	20	mg/Sm³	12	1	0.46	0.35	0.36	0.39	0.36	0.40	0.37	0.38	0.47	0.38	0.38	0.40	0.38	0.38	0.41	0.39
SOx	30	ppm	12	1	0.00	1.84	10.01	0.08	3.16	5.05	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.25	0.27	3.29
NOx	70	ppm	12	1	18.90	36.26	33.64	25.77	25.46	26.75	30.90	21.39	19.44	24.99	26.64	23.41	32.11	32.18	24.58	27.81
HCl	15	ppm	12	1	1.34	2.62	11.76	9.10	5.87	13.62	3.43	2.08	1.21	0.64	0.84	0.80	0.67	0.93	1.45	1.80
CO	50	ppm	12	1	0.76	0.16	0.27	0.46	0.14	0.46	0.21	0.32	0.42	0.27	0.32	0.34	0.19	0.24	0.75	0.52
O_2		%	0	0.1	11.24	7.15	7.19	8.31	7.33	8.65	7.77	8.08	11.05	8.32	7.87	8.48	7.73	7.89	8.66	8.22
FL1		Sm³	12	10	10,980	15,032	14,525	13,488	14,392	12,784	14,169	13,406	11,141	13,439	13,891	13,118	13,851	14,067	13,009	13,712
TMP		℃	0	1	180.10	181.00	182.16	182.41	182.00	181.77	182.16	182.35	182.06	182.19	182.43	182.42	182.04	182.57	182.65	182.53
TM1		℃	0	1	1,004.26	1,090.93	1,087.64	1,040.66	1,088.24	1,042.31	1,069.66	1,051.99	1,048.29	1,054.71	1,072.91	1,055.81	1,095.45	1,077.70	1,029.00	1,050.59
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

12월 7일 굴뚝별 트랜드

					12-07 00:00	12-07 00:30	12-07 01:00	12-07 01:30	12-07 02:00	12-07 02:30	12-07 03:00	12-07 03:30	12-07 04:00	12-07 04:30	12-07 05:00	12-07 05:30	12-07 06:00	12-07 06:30	12-07 07:00	12-07 07:30
TSP	20	mg/Sm³	12	1	0.46	0.40	0.37	0.37	0.37	0.37	0.39	0.36	0.46	0.37	0.39	0.37	0.36	0.36	0.36	0.37
SOx	30	ppm	12	1	0.00	1.69	0.98	0.00	0.00	0.00	0.80	5.02	3.66	0.01	0.00	1.13	0.00	0.00	0.10	0.00
NOx	70	ppm	12	1	38.14	29.13	31.81	25.93	21.20	20.16	23.53	21.77	24.50	21.07	24.90	27.50	29.01	26.26	30.40	30.83
HCl	15	ppm	12	1	5.32	5.29	4.17	5.36	2.22	1.42	3.18	9.77	11.30	4.25	2.94	2.68	2.04	1.26	1.23	1.75
CO	50	ppm	12	1	0.42	0.55	0.51	0.53	0.53	0.41	0.55	0.43	1.02	0.32	0.47	0.24	0.21	0.27	0.55	0.35
O_2		%	0	0.1	10.62	8.20	7.51	7.40	7.63	7.74	8.27	7.29	9.99	7.81	8.09	7.60	7.28	7.47	7.67	7.79
FL1		Sm³	12	10	11,982	13,558	14,560	14,300	13,387	13,791	13,376	14,560	12,166	14,056	13,707	14,419	14,635	13,759	13,873	13,538
TMP		℃	0	1	182.79	183.14	183.14	183.55	181.99	181.01	181.11	182.43	183.15	183.00	183.13	183.05	183.41	182.37	182.10	182.30
TM1		℃	0	1	1,074.43	1,045.03	1,053.70	1,040.11	1,027.20	1,046.75	1,018.87	1,054.75	1,061.66	1,052.03	1,040.18	1,073.66	1,085.73	1,065.57	1,057.68	1,059.12
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					12-07 08:00	12-07 08:30	12-07 09:00	12-07 09:30	12-07 10:00	12-07 10:30	12-07 11:00	12-07 11:30	12-07 12:00	12-07 12:30	12-07 13:00	12-07 13:30	12-07 14:00	12-07 14:30	12-07 15:00	12-07 15:30
TSP	20	mg/Sm³	12	1	0.48	0.39	0.37	0.31	0.26	0.26	0.26	0.27	0.26	0.27	0.26	0.26	0.26	0.26	0.25	0.26
SOx	30	ppm	12	1	0.00	0.00	0.12	1.09	6.06	25.99	0.00	0.00	0.50	0.21	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	21.08	25.55	28.75	27.70	13.16	55.55	0.00	0.00	0.79	0.90	0.82	8.01	1.20	0.93	18.21	30.60
HCl	15	ppm	12	1	1.56	1.32	2.55	10.32	7.44	24.25	1.29	0.49	0.58	0.68	0.70	0.57	0.79	0.79	0.33	0.00
CO	50	ppm	12	1	0.70	0.53	0.26	0.49	16.07	71.13	0.00	0.00	0.04	0.11	0.12	0.86	0.13	0.12	1.14	1.68
O_2		%	0	0.1	11.51	8.36	7.56	8.29	13.20	2.62	20.55	20.92	20.91	20.91	20.79	18.27	20.68	20.68	14.00	8.10
FL1		Sm³	12	10	10,376	12,916	13,944	17,172	19,122	18,935	18,931	19,148	19,103	19,113	19,153	18,362	18,512	18,515	18,814	18,614
TMP		℃	0	1	182.08	181.08	180.96	181.84	182.10	181.65	181.83	183.02	183.56	183.56	183.71	182.86	181.91	181.16	181.74	182.76
TM1		℃	0	1	1,014.54	1,044.58	1,073.15	1,050.33	1,011.93	1,004.07	1,028.31	1,055.17	1,021.30	1,050.03	1,024.53	1,023.13	1,023.00	995.27	1,026.83	1,019.73
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.29	36.27	36.32	36.33	36.33	36.32	36.32	36.32	36.33	36.34	36.35	36.34

					12-07 16:00	12-07 16:30	12-07 17:00	12-07 17:30	12-07 18:00	12-07 18:30	12-07 19:00	12-07 19:30	12-07 20:00	12-07 20:30	12-07 21:00	12-07 21:30	12-07 22:00	12-07 22:30	12-07 23:00	12-07 23:30
TSP	20	mg/Sm³	12	1	0.26	0.26	0.25	0.31	0.41	0.41	0.43	0.41	0.46	0.40	0.40	0.38	0.39	0.42	0.41	0.40
SOx	30	ppm	12	1	0.00	0.00	0.00	1.95	0.08	1.29	1.42	3.52	0.00	0.00	0.96	3.28	0.37	0.01	1.52	0.00
NOx	70	ppm	12	1	14.88	20.20	23.36	26.69	16.64	17.70	19.59	19.69	23.69	18.93	23.68	19.66	20.42	17.54	16.92	17.58
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	1.26	10.94	4.09	2.03	1.87	3.62	12.36	8.62	7.35	8.18	5.58
CO	50	ppm	12	1	1.60	1.26	1.52	0.45	0.68	0.90	1.41	0.90	1.03	1.09	1.06	0.57	0.55	0.96	0.65	0.63
O_2		%	0	0.1	11.64	9.30	9.47	8.20	9.40	9.20	9.70	9.05	11.09	9.17	8.81	8.22	8.44	9.24	8.80	8.53
FL1		Sm³	12	10	17,300	16,611	17,849	15,325	11,361	12,041	11,550	12,015	10,663	12,003	12,583	13,250	12,958	11,980	12,378	12,774
TMP		℃	0	1	181.96	179.36	178.46	180.27	182.46	182.56	183.20	182.77	181.59	180.40	180.51	182.27	183.49	182.25	181.83	181.94
TM1		℃	0	1	987.98	996.75	996.14	1,069.34	1,028.81	993.16	973.51	1,026.89	1,020.11	981.14	998.27	1,045.35	1,048.01	1,001.88	1,021.15	1,013.85
TM3		℃	0	1	36.35	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32