4월 13일 굴뚝별 트랜드

					04-13 00:00	04-13 00:30	04-13 01:00	04-13 01:30	04-13 02:00	04-13 02:30	04-13 03:00	04-13 03:30	04-13 04:00	04-13 04:30	04-13 05:00	04-13 05:30	04-13 06:00	04-13 06:30	04-13 07:00	04-13 07:30
TSP	20	mg/Sm³	12	1	0.55	0.44	0.46	0.46	0.45	0.43	0.46	0.45	0.59	0.44	0.47	0.46	0.44	0.48	0.41	0.47
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	1.51	0.42	0.00	0.00	0.96	0.00	0.54	0.32	0.00	1.89	0.00
NOx	70	ppm	12	1	32.24	17.85	18.12	20.07	21.13	23.24	21.17	20.52	27.35	19.59	18.32	18.17	19.34	22.14	23.69	18.39
HCl	15	ppm	12	1	4.59	3.84	4.17	3.53	3.97	4.86	3.88	3.10	4.09	3.44	5.34	4.33	5.02	7.41	4.25	6.28
CO	50	ppm	12	1	13.79	0.52	1.20	0.65	2.03	11.10	3.81	0.82	2.75	12.94	1.27	23.22	3.22	0.75	1.55	7.72
O_2		%	0	0.1	8.47	6.75	7.34	7.28	6.90	6.40	7.34	7.14	9.69	6.40	7.63	6.96	6.40	7.30	5.10	7.15
FL1		Sm³	12	10	12,397	14,736	13,977	14,231	14,636	14,986	14,044	14,394	11,571	15,188	13,998	14,802	15,840	14,565	17,264	14,594
TMP		℃	0	1	182.27	182.37	182.21	182.09	182.28	181.79	181.64	181.66	182.00	182.18	182.25	182.18	183.09	183.73	183.73	183.50
TM1		℃	0	1	1,086.56	1,046.85	1,030.49	1,015.91	1,023.65	1,069.79	1,018.99	1,014.95	1,026.43	1,053.39	1,014.54	1,020.41	1,039.93	1,019.99	1,097.99	1,020.73
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.23	36.23	36.23	36.23	36.23	36.22	36.21	36.21	36.21	36.21	36.21

					04-13 08:00	04-13 08:30	04-13 09:00	04-13 09:30	04-13 10:00	04-13 10:30	04-13 11:00	04-13 11:30	04-13 12:00	04-13 12:30	04-13 13:00	04-13 13:30	04-13 14:00	04-13 14:30	04-13 15:00	04-13 15:30
TSP	20	mg/Sm³	12	1	0.59	0.45	0.43	0.46	0.43	0.45	0.42	0.41	0.56	0.41	0.43	0.43	0.42	0.47	0.44	0.43
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.80	0.00	0.04	0.00	0.00	0.08	0.03
NOx	70	ppm	12	1	29.05	23.08	23.07	17.66	22.27	20.22	22.99	23.53	22.13	23.70	21.77	18.23	25.52	17.47	19.60	20.70
HCl	15	ppm	12	1	3.41	3.09	3.36	4.46	3.01	4.98	5.06	5.06	8.87	5.46	5.51	8.26	5.87	4.22	3.16	4.73
CO	50	ppm	12	1	11.08	0.59	0.43	0.60	0.49	0.56	0.35	0.40	0.72	3.37	0.58	0.56	0.48	1.07	0.77	1.37
O_2		%	0	0.1	9.18	6.76	6.25	7.27	6.59	7.28	6.26	5.65	8.85	5.75	6.50	6.49	6.26	7.82	6.98	6.47
FL1		Sm³	12	10	12,481	15,422	16,001	14,316	15,217	14,311	15,759	16,663	12,976	16,464	15,683	15,190	15,365	13,408	14,212	14,939
TMP		℃	0	1	183.56	184.15	184.90	184.58	184.30	184.23	184.24	185.38	185.95	185.95	185.90	185.24	184.51	183.57	182.59	183.08
TM1		℃	0	1	1,065.33	1,027.96	1,051.05	1,020.17	1,049.96	1,029.88	1,064.64	1,071.26	1,037.54	1,064.47	1,031.26	1,032.33	1,068.36	975.83	1,014.57	1,035.07
TM3		℃	0	1	36.23	36.23	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

					04-13 16:00	04-13 16:30	04-13 17:00	04-13 17:30	04-13 18:00	04-13 18:30	04-13 19:00	04-13 19:30	04-13 20:00	04-13 20:30	04-13 21:00	04-13 21:30	04-13 22:00	04-13 22:30	04-13 23:00	04-13 23:30
TSP	20	mg/Sm³	12	1	0.57	0.42	0.49	0.41	0.43	0.42	0.44	0.42	0.54	0.44	0.46	0.45	0.47	0.47	0.47	0.45
SOx	30	ppm	12	1	0.00	0.00	0.00	0.01	0.02	0.06	0.00	1.42	7.37	1.77	1.60	0.00	0.00	0.00	0.13	0.00
NOx	70	ppm	12	1	29.60	20.41	11.11	16.25	15.95	20.60	17.65	20.59	29.58	22.92	24.78	23.08	24.42	21.02	21.08	24.12
HCl	15	ppm	12	1	4.83	2.46	3.78	2.17	3.44	3.44	3.67	4.97	10.37	8.43	8.50	7.85	5.49	4.12	4.08	3.41
CO	50	ppm	12	1	1.03	1.52	1.17	4.29	1.88	8.26	0.95	9.95	5.68	18.76	5.12	0.76	0.78	12.81	1.87	1.18
O_2		%	0	0.1	9.43	6.17	8.40	5.99	6.17	6.18	6.77	5.77	8.49	6.71	7.19	7.03	7.63	7.44	7.49	6.97
FL1		Sm³	12	10	11,698	15,391	13,345	15,589	15,712	15,722	15,062	15,873	13,319	14,950	14,375	14,838	14,164	14,214	14,157	15,017
TMP		℃	0	1	183.53	183.63	183.83	183.37	183.81	184.12	184.00	184.32	183.81	183.38	182.83	183.08	183.21	182.73	182.21	182.23
TM1		℃	0	1	1,022.87	1,046.73	945.69	1,018.83	1,023.70	1,029.27	1,023.95	1,085.31	1,073.76	1,063.26	1,043.81	1,034.60	1,017.05	1,002.63	1,014.17	1,029.36
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	36.22	36.22	36.22	36.23

4월 14일 굴뚝별 트랜드

					04-14 00:00	04-14 00:30	04-14 01:00	04-14 01:30	04-14 02:00	04-14 02:30	04-14 03:00	04-14 03:30	04-14 04:00	04-14 04:30	04-14 05:00	04-14 05:30	04-14 06:00	04-14 06:30	04-14 07:00	04-14 07:30
TSP	20	mg/Sm³	12	1	0.60	0.45	0.44	0.45	0.49	0.44	0.40	0.44	0.58	0.43	0.46	0.43	0.46	0.52	0.41	0.40
SOx	30	ppm	12	1	0.00	0.00	0.46	0.00	0.00	0.00	1.14	0.02	0.00	2.14	0.12	0.00	0.17	0.00	0.00	0.00
NOx	70	ppm	12	1	24.50	17.00	14.97	19.95	18.76	18.86	18.89	17.41	21.19	17.13	15.36	16.64	16.21	22.27	13.64	12.84
HCl	15	ppm	12	1	4.54	3.01	3.38	3.14	3.45	4.26	3.35	5.32	5.69	5.15	4.53	3.83	6.61	3.66	3.04	3.48
CO	50	ppm	12	1	1.52	0.74	22.42	0.84	1.23	0.64	12.81	0.59	1.04	28.37	0.99	1.27	2.53	2.44	18.50	1.47
O_2		%	0	0.1	10.16	7.13	6.66	7.10	8.32	6.77	5.10	6.82	9.87	6.49	7.51	6.37	7.31	8.85	6.01	5.68
FL1		Sm³	12	10	11,497	14,780	15,187	14,660	13,410	15,196	17,296	15,067	11,894	15,098	14,362	15,772	14,338	12,925	15,641	15,276
TMP		℃	0	1	182.86	182.82	182.87	182.95	182.56	182.51	183.49	183.76	183.47	182.90	182.68	183.15	183.38	181.86	181.15	181.66
TM1		℃	0	1	1,016.92	1,009.24	1,027.49	1,021.12	964.91	1,019.36	1,078.83	1,031.17	1,010.83	1,041.55	991.08	1,021.37	1,002.26	913.06	1,025.58	1,050.85
TM3		℃	0	1	36.23	36.24	36.24	36.24	36.25	36.24	36.24	36.24	36.24	36.24	36.24	36.24	36.24	36.24	36.24	36.24

					04-14 08:00	04-14 08:30	04-14 09:00	04-14 09:30	04-14 10:00	04-14 10:30	04-14 11:00	04-14 11:30	04-14 12:00	04-14 12:30	04-14 13:00	04-14 13:30	04-14 14:00	04-14 14:30	04-14 15:00	04-14 15:30
TSP	20	mg/Sm³	12	1	0.54	0.40	0.43	0.48	0.43	0.46	0.44	0.41	0.56	0.44	0.42	0.40	0.43	0.39	0.44	0.43
SOx	30	ppm	12	1	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.74
NOx	70	ppm	12	1	24.94	23.91	25.92	21.80	21.78	20.31	21.15	24.19	31.48	22.30	21.17	22.91	21.61	23.31	21.77	28.99
HCl	15	ppm	12	1	3.80	2.94	3.14	3.38	1.91	1.92	1.72	1.83	2.87	2.51	3.29	4.90	6.43	3.71	4.19	7.53
CO	50	ppm	12	1	3.19	0.17	0.24	0.48	0.38	0.54	0.38	0.22	3.19	0.46	0.37	8.88	0.25	0.98	0.33	0.30
O_2		%	0	0.1	8.60	5.96	6.98	8.57	7.43	8.02	7.65	6.53	9.99	7.71	6.73	5.94	7.06	6.10	7.23	6.72
FL1		Sm³	12	10	12,304	15,275	13,973	12,135	13,254	12,410	12,844	14,138	11,058	13,279	14,345	15,059	13,790	14,848	14,071	14,584
TMP		℃	0	1	181.23	181.21	180.70	179.59	177.76	177.22	176.87	178.06	178.99	179.36	179.70	180.64	180.84	180.98	180.67	181.51
TM1		℃	0	1	1,095.65	1,101.99	1,086.97	1,025.81	1,065.56	1,040.95	1,058.70	1,092.19	1,084.57	1,038.26	1,061.39	1,092.41	1,073.18	1,100.81	1,054.74	1,075.73
TM3		℃	0	1	36.24	36.24	36.24	36.24	36.25	36.24	36.24	36.24	36.24	36.24	36.24	36.25	36.24	36.24	36.24	36.24

					04-14 16:00	04-14 16:30	04-14 17:00	04-14 17:30	04-14 18:00	04-14 18:30	04-14 19:00	04-14 19:30	04-14 20:00	04-14 20:30	04-14 21:00	04-14 21:30	04-14 22:00	04-14 22:30	04-14 23:00	04-14 23:30
TSP	20	mg/Sm³	12	1	0.57	0.42	0.45	0.44	0.42	0.40	0.42	0.42	0.55	0.44	0.39	0.39	0.43	0.44	0.42	0.41
SOx	30	ppm	12	1	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.07	0.05	0.23	0.00	0.01	0.00	0.00
NOx	70	ppm	12	1	27.23	20.64	18.95	17.91	17.68	25.78	23.93	20.59	25.26	18.55	21.86	25.41	25.11	25.47	28.37	27.02
HCl	15	ppm	12	1	7.87	3.14	3.37	3.90	4.72	3.86	4.30	3.31	3.42	3.39	2.72	3.67	2.94	3.79	2.35	3.18
CO	50	ppm	12	1	0.58	23.76	13.40	0.55	0.55	0.26	0.24	8.61	35.54	0.36	1.08	0.66	0.31	0.26	0.15	0.09
O_2		%	0	0.1	9.77	6.41	7.39	7.28	6.78	5.87	6.61	6.89	10.11	7.33	5.59	5.72	7.00	7.59	6.50	6.42
FL1		Sm³	12	10	11,232	15,084	14,157	14,150	14,791	15,743	14,664	14,518	11,616	13,954	16,015	15,608	14,487	13,535	14,798	14,844
TMP		℃	0	1	181.60	181.59	181.76	181.85	181.85	182.25	182.24	181.91	181.84	181.55	181.54	181.96	181.81	181.65	181.36	181.28
TM1		℃	0	1	1,068.36	1,071.18	1,037.18	1,028.54	1,032.60	1,081.70	1,082.92	1,065.52	1,060.84	1,032.60	1,091.69	1,122.57	1,070.54	1,068.39	1,096.51	1,112.94
TM3		℃	0	1	36.24	36.25	36.24	36.24	36.25	36.24	36.25	36.24	36.24	36.25	36.24	36.24	36.24	36.24	36.23	36.22

4월 15일 굴뚝별 트랜드

					04-15 00:00	04-15 00:30	04-15 01:00	04-15 01:30	04-15 02:00	04-15 02:30	04-15 03:00	04-15 03:30	04-15 04:00	04-15 04:30	04-15 05:00	04-15 05:30	04-15 06:00	04-15 06:30	04-15 07:00	04-15 07:30
TSP	20	mg/Sm³	12	1	0.58	0.43	0.44	0.43	0.42	0.44	0.43	0.44	0.56	0.39	0.43	0.40	0.42	0.42	0.46	0.45
SOx	30	ppm	12	1	0.00	0.00	0.00	0.01	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.02	0.20	0.29	0.00	0.00
NOx	70	ppm	12	1	29.09	28.50	28.33	30.48	25.46	24.69	26.85	25.20	25.80	29.77	25.83	28.36	31.42	29.53	26.19	26.10
HCl	15	ppm	12	1	3.84	1.71	3.14	3.86	4.21	3.10	3.14	2.54	2.69	2.68	4.36	3.20	4.20	4.10	4.89	3.23
CO	50	ppm	12	1	0.52	4.10	0.30	0.33	0.38	0.60	3.99	0.48	0.97	0.30	0.69	8.64	0.17	11.73	0.39	0.34
O_2		%	0	0.1	11.01	7.02	7.39	6.93	6.86	7.18	6.88	7.26	10.06	5.67	6.72	5.71	6.48	6.08	7.56	7.49
FL1		Sm³	12	10	10,344	14,456	13,859	14,446	14,344	14,142	14,615	14,199	11,773	16,074	14,752	15,890	14,917	15,484	13,834	13,791
TMP		℃	0	1	181.33	180.79	180.82	181.21	181.42	181.33	181.43	181.67	181.47	181.80	182.28	182.07	181.92	181.88	181.78	181.35
TM1		℃	0	1	1,058.21	1,060.56	1,069.75	1,072.63	1,081.57	1,054.29	1,071.27	1,040.38	1,046.28	1,109.38	1,076.67	1,108.49	1,110.00	1,109.50	1,055.83	1,049.18
TM3		℃	0	1	36.22	36.22	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

					04-15 08:00	04-15 08:30	04-15 09:00	04-15 09:30	04-15 10:00	04-15 10:30	04-15 11:00	04-15 11:30	04-15 12:00	04-15 12:30	04-15 13:00	04-15 13:30	04-15 14:00	04-15 14:30	04-15 15:00	04-15 15:30
TSP	20	mg/Sm³	12	1	0.58	0.44	0.43	0.44	0.51	0.44	0.43	0.44	0.56	0.43	0.45	0.45	0.43	0.47	0.45	0.42
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.04	0.00
NOx	70	ppm	12	1	29.80	28.95	24.68	26.42	16.72	31.64	27.27	27.19	35.25	24.13	22.64	23.46	24.79	21.52	18.83	23.64
HCl	15	ppm	12	1	3.21	2.76	2.56	2.68	2.94	2.99	4.91	4.98	4.48	4.63	4.29	3.29	4.25	4.54	3.63	2.88
CO	50	ppm	12	1	0.50	0.26	7.24	0.24	0.74	0.37	0.33	0.26	0.46	3.68	0.49	0.47	0.48	0.66	8.42	0.35
O_2		%	0	0.1	10.41	7.17	6.73	6.90	9.26	7.22	6.73	6.90	10.06	6.71	7.67	7.46	6.90	8.14	7.45	7.07
FL1		Sm³	12	10	11,206	14,191	14,615	14,366	11,574	14,618	14,875	14,547	11,686	14,655	13,561	13,693	14,344	13,168	13,688	13,886
TMP		℃	0	1	181.27	181.20	181.49	181.57	180.68	179.33	181.69	182.81	182.53	182.37	182.41	181.78	181.79	182.17	181.96	181.58
TM1		℃	0	1	1,043.51	1,073.32	1,074.45	1,075.01	979.35	1,063.63	1,063.37	1,072.26	1,061.49	1,084.11	1,036.73	1,042.53	1,082.23	1,018.12	1,037.38	1,090.27
TM3		℃	0	1	36.21	36.21	36.21	36.23	36.25	36.24	36.22	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					04-15 16:00	04-15 16:30	04-15 17:00	04-15 17:30	04-15 18:00	04-15 18:30	04-15 19:00	04-15 19:30	04-15 20:00	04-15 20:30	04-15 21:00	04-15 21:30	04-15 22:00	04-15 22:30	04-15 23:00	04-15 23:30
TSP	20	mg/Sm³	12	1	0.55	0.46	0.44	0.44	0.47	0.44	0.47	0.45	0.59	0.41	0.45	0.43	0.47	0.44	0.46	0.44
SOx	30	ppm	12	1	0.00	0.09	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.03	0.00	0.00
NOx	70	ppm	12	1	34.85	22.93	20.85	25.79	24.22	27.34	23.32	25.30	29.01	26.49	21.44	23.46	17.13	19.59	17.12	20.47
HCl	15	ppm	12	1	3.02	2.35	3.06	3.38	3.35	2.72	3.27	3.34	6.51	3.13	3.10	2.64	2.50	2.34	2.45	2.49
CO	50	ppm	12	1	0.62	8.07	6.33	1.40	0.75	0.44	0.85	0.72	0.85	0.70	0.44	4.22	2.06	11.58	0.77	0.59
O_2		%	0	0.1	9.84	7.79	7.45	7.28	8.15	6.75	7.86	7.25	10.22	6.20	7.70	6.81	7.90	7.51	8.02	7.13
FL1		Sm³	12	10	11,662	13,528	13,592	14,129	13,266	14,785	13,463	14,385	10,883	15,050	13,529	14,729	13,348	13,732	13,161	14,330
TMP		℃	0	1	181.74	181.87	181.93	182.25	182.42	182.69	182.57	181.58	181.76	181.89	181.81	182.05	181.16	180.15	179.66	180.68
TM1		℃	0	1	1,084.73	1,042.65	1,056.81	1,060.59	1,012.37	1,056.12	1,005.05	1,033.11	1,056.47	1,089.01	1,055.63	1,094.82	1,011.51	1,041.97	1,011.78	1,041.91
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	36.22	36.23