8월 11일 굴뚝별 트랜드

					08-11 00:00	08-11 00:30	08-11 01:00	08-11 01:30	08-11 02:00	08-11 02:30	08-11 03:00	08-11 03:30	08-11 04:00	08-11 04:30	08-11 05:00	08-11 05:30	08-11 06:00	08-11 06:30	08-11 07:00	08-11 07:30
TSP	20	mg/Sm³	12	1	0.65	0.53	0.50	0.47	0.49	0.47	0.48	0.50	0.63	0.47	0.47	0.47	0.61	0.46	0.54	0.48
SOx	30	ppm	12	1	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.03	0.00	0.04
NOx	70	ppm	12	1	22.72	19.26	20.84	22.90	16.50	22.62	17.59	22.07	29.27	15.51	11.06	18.30	17.43	17.95	19.07	24.03
HCl	15	ppm	12	1	4.57	2.31	2.16	2.34	2.66	1.78	2.58	2.38	3.79	4.85	3.29	2.48	3.50	3.58	3.48	3.52
CO	50	ppm	12	1	0.43	0.44	0.31	0.23	0.31	0.31	0.33	0.31	0.53	10.02	1.24	0.50	0.29	0.28	0.61	0.42
O_2		%	0	0.1	9.12	7.77	7.07	6.22	6.92	6.29	6.72	7.53	10.13	6.18	6.52	6.21	6.29	6.51	8.56	6.50
FL1		Sm³	12	10	12,124	13,942	14,756	15,516	14,429	15,555	15,016	13,966	12,226	15,832	14,699	15,767	15,901	14,998	13,057	15,978
TMP		℃	0	1	174.32	173.33	172.06	173.33	172.80	171.70	172.57	173.28	172.22	174.19	173.17	171.76	173.76	174.18	172.64	172.57
TM1		℃	0	1	1,069.95	1,001.66	1,036.00	1,063.59	1,032.09	1,050.34	1,043.35	1,021.15	1,003.57	1,036.87	1,040.00	1,057.25	1,033.91	1,047.95	975.31	1,042.27
TM3		℃	0	1	36.25	36.25	36.24	36.25	36.25	36.24	36.24	36.23	36.24	36.25	36.24	36.24	36.24	36.24	36.25	36.24

					08-11 08:00	08-11 08:30	08-11 09:00	08-11 09:30	08-11 10:00	08-11 10:30	08-11 11:00	08-11 11:30	08-11 12:00	08-11 12:30	08-11 13:00	08-11 13:30	08-11 14:00	08-11 14:30	08-11 15:00	08-11 15:30
TSP	20	mg/Sm³	12	1	0.63	0.50	0.42	0.48	0.44	0.43	0.47	0.45	0.59	0.43	0.43	0.47	0.44	0.45	0.48	0.45
SOx	30	ppm	12	1	4.69	0.00	2.22	0.00	0.54	0.35	0.02	0.00	0.07	0.02	0.23	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	13.57	15.02	20.67	16.08	28.37	24.28	16.39	20.35	27.73	20.28	20.83	17.61	21.14	19.65	18.41	20.42
HCl	15	ppm	12	1	7.20	2.79	2.80	4.18	3.47	5.99	4.60	2.75	3.29	2.24	3.18	2.60	1.77	2.60	2.95	2.21
CO	50	ppm	12	1	9.81	0.37	26.66	0.21	0.23	0.16	0.18	0.11	0.26	0.89	0.16	0.25	0.15	0.20	0.33	0.21
O_2		%	0	0.1	8.60	7.12	4.48	7.11	5.34	5.09	6.50	5.95	8.16	5.06	5.63	7.04	6.05	6.04	7.16	6.44
FL1		Sm³	12	10	12,164	14,157	17,417	13,876	16,459	16,659	14,855	15,571	12,887	16,733	15,510	14,117	15,357	15,481	14,188	14,702
TMP		℃	0	1	174.42	173.19	171.93	173.11	173.51	174.24	174.73	173.15	173.23	174.01	173.89	173.16	171.91	173.01	172.55	171.66
TM1		℃	0	1	1,055.25	999.21	1,098.43	1,036.74	1,094.27	1,096.77	1,045.81	1,054.65	1,095.49	1,100.78	1,097.70	1,020.88	1,070.78	1,064.98	1,011.17	1,048.35
TM3		℃	0	1	36.24	36.22	36.23	36.24	36.24	36.24	36.24	36.24	36.24	36.24	36.24	36.24	36.23	36.24	36.23	36.22

					08-11 16:00	08-11 16:30	08-11 17:00	08-11 17:30	08-11 18:00	08-11 18:30	08-11 19:00	08-11 19:30	08-11 20:00	08-11 20:30	08-11 21:00	08-11 21:30	08-11 22:00	08-11 22:30	08-11 23:00	08-11 23:30
TSP	20	mg/Sm³	12	1	0.58	0.48	0.46	0.44	0.46	0.45	0.47	0.43	0.62	0.46	0.45	0.44	0.45	0.51	0.46	0.47
SOx	30	ppm	12	1	0.00	0.00	0.00	0.60	0.03	0.00	0.00	1.13	0.00	0.02	0.00	0.54	0.00	0.00	0.00	0.01
NOx	70	ppm	12	1	23.02	17.98	24.84	27.85	18.68	19.95	17.64	18.81	25.12	19.88	25.87	27.00	23.19	17.36	20.88	18.68
HCl	15	ppm	12	1	2.72	1.92	1.31	3.29	5.11	4.31	4.76	3.68	5.46	2.16	2.03	2.62	2.49	2.67	1.62	2.37
CO	50	ppm	12	1	0.32	0.20	0.17	0.05	0.15	0.19	0.25	7.10	0.21	0.09	0.13	0.20	0.14	0.29	0.17	0.23
O_2		%	0	0.1	9.54	7.53	7.17	6.23	6.06	5.78	6.29	4.86	9.05	5.69	5.75	5.04	5.64	7.44	6.55	6.22
FL1		Sm³	12	10	11,553	13,234	14,861	15,994	15,579	15,887	15,329	16,876	12,709	15,762	16,110	16,482	15,938	13,708	14,828	15,497
TMP		℃	0	1	170.65	170.28	170.38	171.56	175.06	174.97	173.98	173.66	174.47	173.97	173.34	173.75	174.63	172.85	171.30	171.07
TM1		℃	0	1	1,035.21	1,014.53	1,033.51	1,089.68	1,062.87	1,056.90	1,036.23	1,093.45	1,062.44	1,091.28	1,066.91	1,123.99	1,098.39	1,030.04	1,046.95	1,047.91
TM3		℃	0	1	36.21	36.22	36.22	36.22	36.22	36.21	36.22	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

8월 12일 굴뚝별 트랜드

					08-12 00:00	08-12 00:30	08-12 01:00	08-12 01:30	08-12 02:00	08-12 02:30	08-12 03:00	08-12 03:30	08-12 04:00	08-12 04:30	08-12 05:00	08-12 05:30	08-12 06:00	08-12 06:30	08-12 07:00	08-12 07:30
TSP	20	mg/Sm³	12	1	0.62	0.46	0.49	0.47	0.49	0.49	0.49	0.46	0.62	0.45	0.52	0.49	0.49	0.47	0.47	0.48
SOx	30	ppm	12	1	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.02	0.00	1.31
NOx	70	ppm	12	1	27.45	17.80	20.75	19.76	24.25	26.83	18.76	21.63	24.43	23.97	20.52	19.75	20.52	19.90	19.40	16.59
HCl	15	ppm	12	1	3.76	3.25	3.04	2.95	2.90	2.68	3.34	2.83	3.80	3.18	3.02	2.59	2.24	2.58	2.89	5.61
CO	50	ppm	12	1	0.28	0.16	0.16	0.14	0.21	0.19	0.30	0.16	0.36	0.26	0.31	0.24	0.14	0.38	0.35	0.30
O_2		%	0	0.1	8.58	5.73	6.71	6.29	6.70	7.12	7.07	5.99	9.48	5.70	7.68	7.42	7.11	5.97	6.55	6.49
FL1		Sm³	12	10	12,969	15,865	14,783	15,168	14,527	14,157	14,345	15,528	12,423	15,672	13,438	13,486	14,021	15,565	14,836	14,955
TMP		℃	0	1	173.67	173.62	172.94	172.84	172.64	171.95	172.24	172.18	172.46	172.18	172.16	170.10	170.75	171.92	172.02	171.56
TM1		℃	0	1	1,042.67	1,072.68	1,041.09	1,056.82	1,071.69	1,016.97	1,014.84	1,056.79	1,030.50	1,087.60	1,009.68	1,030.83	1,030.35	1,056.73	1,045.11	1,041.40
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	36.22

					08-12 08:00	08-12 08:30	08-12 09:00	08-12 09:30	08-12 10:00	08-12 10:30	08-12 11:00	08-12 11:30	08-12 12:00	08-12 12:30	08-12 13:00	08-12 13:30	08-12 14:00	08-12 14:30	08-12 15:00	08-12 15:30
TSP	20	mg/Sm³	12	1	0.59	0.49	0.47	0.49	0.46	0.42	0.49	0.46	0.59	0.45	0.44	0.50	0.44	0.47	0.44	0.44
SOx	30	ppm	12	1	0.42	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
NOx	70	ppm	12	1	24.47	16.67	20.88	16.21	23.71	25.51	13.86	16.61	25.77	20.78	24.33	15.53	19.24	21.63	22.35	22.82
HCl	15	ppm	12	1	5.85	2.94	1.99	1.97	1.03	1.45	2.31	1.21	1.67	1.13	1.36	1.74	1.52	1.93	2.03	2.00
CO	50	ppm	12	1	0.33	0.28	0.17	0.25	0.13	0.04	0.23	0.18	0.23	0.15	0.09	0.39	0.24	0.32	2.34	0.11
O_2		%	0	0.1	8.89	6.93	6.30	7.33	6.76	5.37	7.17	6.26	9.28	6.09	5.87	7.71	6.09	6.78	6.82	6.64
FL1		Sm³	12	10	12,750	14,784	15,692	14,192	14,668	16,300	14,157	15,008	11,839	15,088	15,237	13,321	15,041	14,285	13,981	14,373
TMP		℃	0	1	171.14	171.29	172.08	171.95	170.03	170.30	173.72	172.75	171.36	172.37	171.93	171.84	171.61	172.45	171.68	171.56
TM1		℃	0	1	1,042.93	1,022.00	1,042.93	1,012.66	1,051.49	1,103.95	1,041.38	1,044.73	1,054.85	1,070.59	1,081.07	1,001.53	1,062.51	1,028.93	1,050.11	1,059.28
TM3		℃	0	1	36.22	36.23	36.22	36.21	36.22	36.22	36.22	36.22	36.23	36.23	36.24	36.25	36.25	36.23	36.24	36.24

					08-12 16:00	08-12 16:30	08-12 17:00	08-12 17:30	08-12 18:00	08-12 18:30	08-12 19:00	08-12 19:30	08-12 20:00	08-12 20:30	08-12 21:00	08-12 21:30	08-12 22:00	08-12 22:30	08-12 23:00	08-12 23:30
TSP	20	mg/Sm³	12	1	0.57	0.42	0.43	0.51	0.45	0.46	0.45	0.43	0.64	0.53	0.48	0.45	0.49	0.45	0.48	0.46
SOx	30	ppm	12	1	0.00	0.02	0.21	0.00	0.00	0.08	0.00	1.48	0.08	0.00	0.00	0.00	0.00	0.86	0.00	0.13
NOx	70	ppm	12	1	28.17	24.24	24.05	15.19	20.59	18.56	22.33	26.16	23.37	23.20	19.91	23.79	20.17	20.63	20.75	20.49
HCl	15	ppm	12	1	2.66	1.47	1.91	2.10	1.13	2.48	2.16	2.88	4.19	1.96	1.63	1.46	2.13	2.73	3.68	3.06
CO	50	ppm	12	1	0.16	0.08	0.11	0.53	0.27	0.41	0.15	0.09	0.24	0.36	0.20	0.14	0.35	0.20	0.16	0.14
O_2		%	0	0.1	8.98	5.67	5.84	8.40	6.49	6.40	6.12	5.35	9.66	8.05	7.46	6.77	7.57	5.80	6.97	6.05
FL1		Sm³	12	10	12,096	15,565	15,481	12,617	15,167	15,259	15,607	16,427	11,455	13,208	13,772	14,694	14,077	16,213	14,682	15,700
TMP		℃	0	1	171.60	171.97	172.28	172.25	171.05	172.76	174.60	173.64	174.47	173.09	170.40	169.36	171.03	173.12	173.50	173.59
TM1		℃	0	1	1,058.57	1,083.13	1,092.71	1,014.46	1,058.90	1,073.83	1,073.96	1,116.58	1,069.80	1,002.64	1,043.40	1,066.78	1,008.61	1,074.05	1,047.01	1,073.39
TM3		℃	0	1	36.23	36.23	36.24	36.22	36.22	36.22	36.22	36.21	36.21	36.21	36.21	36.21	36.21	36.22	36.21	36.21

8월 13일 굴뚝별 트랜드

					08-13 00:00	08-13 00:30	08-13 01:00	08-13 01:30	08-13 02:00	08-13 02:30	08-13 03:00	08-13 03:30	08-13 04:00	08-13 04:30	08-13 05:00	08-13 05:30	08-13 06:00	08-13 06:30	08-13 07:00	08-13 07:30
TSP	20	mg/Sm³	12	1	0.61	0.51	0.47	0.49	0.50	0.45	0.51	0.46	0.62	0.44	0.49	0.48	0.49	0.49	0.50	0.49
SOx	30	ppm	12	1	0.00	0.00	0.00	0.01	0.03	1.66	0.00	0.01	0.00	0.38	0.00	0.28	0.00	0.01	0.17	0.00
NOx	70	ppm	12	1	26.61	20.19	23.24	22.25	21.12	22.96	20.07	22.22	16.32	23.45	24.07	28.78	34.75	30.21	27.57	28.83
HCl	15	ppm	12	1	3.83	2.81	2.91	2.52	2.57	1.87	2.24	1.48	1.96	1.09	1.71	1.88	1.37	1.40	1.81	1.30
CO	50	ppm	12	1	0.14	0.32	0.07	0.14	0.23	0.33	0.27	0.09	0.35	0.05	0.12	0.26	0.12	0.28	0.10	0.13
O_2		%	0	0.1	9.68	7.62	6.45	7.27	7.29	6.09	7.90	6.30	10.11	6.00	7.18	6.70	7.15	7.28	7.21	7.40
FL1		Sm³	12	10	12,173	13,814	15,154	14,199	14,132	15,684	13,404	15,562	12,219	15,644	14,557	15,123	14,543	14,497	14,259	13,900
TMP		℃	0	1	173.60	173.18	172.48	172.77	172.72	172.65	172.20	171.49	173.04	172.70	172.75	172.57	173.39	172.06	172.61	172.41
TM1		℃	0	1	1,042.91	1,025.11	1,061.63	1,037.52	1,048.52	1,067.11	1,006.49	1,079.75	1,002.84	1,101.63	1,061.30	1,080.93	1,076.02	1,044.31	1,057.61	1,054.37
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.22	36.22	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					08-13 08:00	08-13 08:30	08-13 09:00	08-13 09:30	08-13 10:00	08-13 10:30	08-13 11:00	08-13 11:30	08-13 12:00	08-13 12:30	08-13 13:00	08-13 13:30	08-13 14:00	08-13 14:30	08-13 15:00	08-13 15:30
TSP	20	mg/Sm³	12	1	0.61	0.48	0.46	0.44	0.44	0.43	0.44	0.46	0.54	0.44	0.41	0.44	0.42	0.43	0.44	0.45
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	0.00	1.11
NOx	70	ppm	12	1	33.22	20.50	20.64	17.45	19.40	17.51	19.83	14.66	27.16	12.10	17.49	16.76	17.28	18.18	16.71	17.18
HCl	15	ppm	12	1	0.96	0.99	0.70	0.87	1.08	1.42	1.25	1.39	1.04	1.36	1.16	1.76	1.70	1.49	1.54	2.80
CO	50	ppm	12	1	0.29	0.37	0.18	0.17	0.06	0.08	0.09	0.18	0.22	0.40	0.17	0.32	0.25	0.28	0.40	0.46
O_2		%	0	0.1	10.28	7.55	7.28	7.02	6.85	6.77	6.46	7.31	8.96	6.63	6.56	6.90	6.53	6.83	6.68	7.29
FL1		Sm³	12	10	11,322	13,730	13,943	14,252	14,372	14,673	15,068	13,905	13,042	14,848	14,705	14,592	14,822	14,536	15,462	14,027
TMP		℃	0	1	171.03	171.67	171.20	170.53	172.01	172.18	172.75	172.64	172.51	173.96	173.44	172.71	173.54	172.61	173.04	174.33
TM1		℃	0	1	1,043.26	1,027.59	1,042.05	1,053.50	1,053.57	1,054.04	1,048.57	1,034.25	1,068.19	1,059.39	1,060.93	1,037.29	1,036.51	1,029.21	1,057.53	1,049.41
TM3		℃	0	1	36.22	36.22	36.23	36.23	36.23	36.20	36.21	36.21	36.23	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					08-13 16:00	08-13 16:30	08-13 17:00	08-13 17:30	08-13 18:00	08-13 18:30	08-13 19:00	08-13 19:30	08-13 20:00	08-13 20:30	08-13 21:00	08-13 21:30	08-13 22:00	08-13 22:30	08-13 23:00	08-13 23:30
TSP	20	mg/Sm³	12	1	0.55	0.41	0.45	0.46	0.42	0.44	0.45	0.44	0.58	0.44	0.42	0.45	0.43	0.46	0.47	0.49
SOx	30	ppm	12	1	0.00	0.06	0.16	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.04	0.41	0.87	0.00
NOx	70	ppm	12	1	20.08	21.13	20.81	18.85	16.84	15.03	13.73	16.16	22.84	19.01	20.74	14.46	22.83	27.46	25.79	19.80
HCl	15	ppm	12	1	1.84	1.00	1.85	1.69	1.39	1.54	1.23	0.96	1.23	0.85	1.47	2.38	1.99	2.78	5.14	3.18
CO	50	ppm	12	1	0.45	0.37	0.28	0.46	0.30	0.31	0.32	0.33	0.54	0.28	0.16	0.31	0.18	0.30	0.31	0.46
O_2		%	0	0.1	9.02	6.26	6.99	7.42	6.27	6.91	7.53	7.08	10.42	7.08	6.25	6.91	6.05	6.89	7.01	7.82
FL1		Sm³	12	10	11,948	15,226	14,338	14,117	15,250	14,498	13,382	14,049	11,211	14,279	15,406	14,577	15,574	14,598	14,050	13,543
TMP		℃	0	1	172.86	172.74	173.86	173.40	172.12	173.17	171.84	169.82	170.31	172.34	171.61	172.73	172.90	173.07	172.57	172.22
TM1		℃	0	1	1,042.02	1,061.21	1,054.42	1,006.44	1,058.93	1,036.47	1,031.58	1,045.34	1,026.79	1,039.06	1,070.15	1,038.85	1,089.61	1,060.61	1,082.11	1,040.67
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