8월 20일 굴뚝별 트랜드

					08-20 00:00	08-20 00:30	08-20 01:00	08-20 01:30	08-20 02:00	08-20 02:30	08-20 03:00	08-20 03:30	08-20 04:00	08-20 04:30	08-20 05:00	08-20 05:30	08-20 06:00	08-20 06:30	08-20 07:00	08-20 07:30
TSP	20	mg/Sm³	12	1	0.69	0.53	0.58	0.54	0.55	0.53	0.56	0.53	0.73	0.58	0.54	0.55	0.58	0.55	0.55	0.53
SOx	30	ppm	12	1	0.00	0.09	0.00	0.00	0.00	2.63	0.61	0.00	0.16	0.39	0.16	3.19	0.01	0.09	0.20	0.03
NOx	70	ppm	12	1	13.30	19.90	16.00	20.26	21.45	22.11	18.06	21.47	26.02	19.52	24.52	20.67	23.37	22.66	25.93	22.42
HCl	15	ppm	12	1	2.45	2.13	5.68	4.98	4.87	6.04	6.59	3.10	5.26	4.90	3.61	3.44	4.17	3.01	3.26	2.70
CO	50	ppm	12	1	0.27	0.14	0.29	0.12	0.24	0.23	0.19	0.16	0.23	0.19	0.12	9.30	0.21	0.21	0.37	0.14
O_2		%	0	0.1	9.89	6.89	7.63	6.86	7.24	6.15	6.89	6.23	8.99	6.81	5.96	6.67	6.99	6.32	6.16	6.04
FL1		Sm³	12	10	11,212	14,557	13,671	14,501	14,148	15,588	14,594	15,586	12,484	14,928	15,809	14,753	14,611	15,381	15,491	15,122
TMP		℃	0	1	186.27	185.46	186.55	187.16	187.22	187.40	187.55	187.09	187.64	187.90	187.73	187.21	187.19	187.56	187.72	187.54
TM1		℃	0	1	1,036.81	1,058.55	1,022.59	1,053.42	1,045.97	1,082.60	1,055.42	1,074.52	1,077.44	1,050.03	1,075.58	1,069.27	1,069.83	1,080.89	1,089.21	1,091.43
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.22	36.21	36.22	36.23	36.22	36.22	36.22

					08-20 08:00	08-20 08:30	08-20 09:00	08-20 09:30	08-20 10:00	08-20 10:30	08-20 11:00	08-20 11:30	08-20 12:00	08-20 12:30	08-20 13:00	08-20 13:30	08-20 14:00	08-20 14:30	08-20 15:00	08-20 15:30
TSP	20	mg/Sm³	12	1	0.72	0.56	0.54	0.53	0.53	0.48	0.52	0.51	0.65	0.48	0.50	0.51	0.53	0.54	0.50	0.48
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.07	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	25.41	21.80	22.91	20.35	20.83	24.91	23.36	20.43	27.35	22.83	23.15	25.14	21.65	23.25	21.74	23.55
HCl	15	ppm	12	1	2.44	1.38	1.34	1.52	1.05	1.31	1.72	1.43	1.75	1.52	1.43	1.41	1.45	1.46	1.18	1.39
CO	50	ppm	12	1	0.18	0.18	0.18	0.19	0.29	0.13	0.18	0.19	0.14	0.13	0.15	0.23	0.32	0.25	0.22	0.14
O_2		%	0	0.1	9.62	6.82	6.54	6.90	7.02	5.84	6.82	6.66	9.14	5.90	6.51	6.76	7.16	7.38	6.63	6.10
FL1		Sm³	12	10	11,408	14,128	14,607	13,876	14,063	15,181	14,000	14,327	11,696	15,199	14,476	14,142	13,695	13,592	14,403	14,884
TMP		℃	0	1	186.09	185.73	186.26	186.45	185.82	185.70	186.66	186.26	186.33	187.09	187.26	186.96	186.98	186.57	186.28	186.38
TM1		℃	0	1	1,063.31	1,055.83	1,050.46	1,066.21	1,024.77	1,080.10	1,064.57	1,051.57	1,054.73	1,071.09	1,069.03	1,061.73	1,037.77	1,046.05	1,055.55	1,072.55
TM3		℃	0	1	36.24	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.24	36.24	36.22	36.24	36.22	36.23	36.22

					08-20 16:00	08-20 16:30	08-20 17:00	08-20 17:30	08-20 18:00	08-20 18:30	08-20 19:00	08-20 19:30	08-20 20:00	08-20 20:30	08-20 21:00	08-20 21:30	08-20 22:00	08-20 22:30	08-20 23:00	08-20 23:30
TSP	20	mg/Sm³	12	1	0.65	0.49	0.56	0.50	0.48	0.48	0.52	0.44	0.67	0.50	0.51	0.53	0.50	0.49	0.54	0.47
SOx	30	ppm	12	1	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.83	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.80
NOx	70	ppm	12	1	24.20	21.59	12.91	17.01	20.51	19.10	17.80	18.66	20.07	17.40	15.94	14.38	18.75	23.41	15.97	22.14
HCl	15	ppm	12	1	1.71	1.50	1.75	1.07	1.39	2.52	2.15	1.87	4.36	3.64	3.83	3.18	2.79	2.38	3.63	2.13
CO	50	ppm	12	1	0.26	0.16	0.55	0.46	0.30	0.19	0.38	10.48	0.26	0.22	0.21	0.23	0.14	0.14	0.28	0.44
O_2		%	0	0.1	9.44	6.34	7.98	6.82	5.77	5.50	6.73	4.35	9.48	5.90	6.42	6.41	5.52	5.21	6.50	4.11
FL1		Sm³	12	10	11,844	14,389	12,904	14,006	15,626	15,660	14,548	16,984	11,593	15,305	14,848	14,970	15,710	16,297	15,251	17,919
TMP		℃	0	1	186.44	186.54	186.52	185.54	185.72	187.40	187.50	187.56	187.85	187.56	187.43	187.49	187.59	187.62	188.04	188.45
TM1		℃	0	1	1,060.55	1,074.36	999.64	1,028.39	1,055.97	1,089.95	1,019.39	1,119.37	1,051.45	1,059.67	1,044.78	1,030.03	1,083.77	1,094.59	1,059.84	1,131.74
TM3		℃	0	1	36.21	36.21	36.22	36.21	36.21	36.22	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

8월 21일 굴뚝별 트랜드

					08-21 00:00	08-21 00:30	08-21 01:00	08-21 01:30	08-21 02:00	08-21 02:30	08-21 03:00	08-21 03:30	08-21 04:00	08-21 04:30	08-21 05:00	08-21 05:30	08-21 06:00	08-21 06:30	08-21 07:00	08-21 07:30
TSP	20	mg/Sm³	12	1	0.72	0.57	0.53	0.53	0.58	0.55	0.63	0.53	0.75	0.51	0.60	0.56	0.54	0.63	0.54	0.56
SOx	30	ppm	12	1	1.11	0.00	0.41	0.00	0.00	0.17	1.00	0.01	0.08	0.25	0.00	0.01	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	34.55	20.91	21.52	20.69	16.90	20.09	14.53	25.29	28.51	25.01	16.39	19.49	20.83	14.88	18.76	16.71
HCl	15	ppm	12	1	5.28	2.45	2.96	2.47	2.99	3.23	5.04	0.79	1.50	0.78	1.47	0.40	0.50	1.39	0.39	1.09
CO	50	ppm	12	1	0.15	0.24	0.77	0.21	0.23	0.18	0.58	0.23	0.45	0.16	0.39	0.30	0.37	0.59	0.20	0.24
O_2		%	0	0.1	8.50	7.05	5.68	5.68	6.98	6.24	7.87	5.85	10.34	5.08	7.65	6.56	6.30	8.26	6.33	6.97
FL1		Sm³	12	10	12,123	14,473	15,975	16,240	14,617	15,457	13,350	15,789	11,274	16,684	13,596	14,895	15,322	12,962	14,902	14,168
TMP		℃	0	1	189.08	188.15	187.82	188.31	187.73	187.45	186.82	185.40	185.75	187.14	187.02	186.54	186.80	186.77	186.02	186.12
TM1		℃	0	1	1,124.09	1,027.37	1,091.29	1,067.66	1,038.84	1,039.96	1,020.19	1,047.35	1,043.79	1,116.39	1,009.60	1,064.44	1,048.62	987.83	1,041.15	1,034.50
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

					08-21 08:00	08-21 08:30	08-21 09:00	08-21 09:30	08-21 10:00	08-21 10:30	08-21 11:00	08-21 11:30	08-21 12:00	08-21 12:30	08-21 13:00	08-21 13:30	08-21 14:00	08-21 14:30	08-21 15:00	08-21 15:30
TSP	20	mg/Sm³	12	1	0.73	0.53	0.55	0.53	0.53	0.49	0.50	0.48	0.65	0.52	0.52	0.49	0.52	0.49	0.50	0.51
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	0.00
NOx	70	ppm	12	1	25.50	22.90	22.91	24.25	18.29	19.51	18.66	18.15	29.02	23.52	27.20	18.68	16.57	18.66	24.68	24.39
HCl	15	ppm	12	1	1.59	0.86	0.82	0.89	1.02	0.48	0.64	0.75	0.95	0.92	0.75	0.99	1.07	0.59	1.10	1.38
CO	50	ppm	12	1	0.36	0.18	0.35	0.34	0.53	0.33	0.31	0.24	0.21	0.24	0.43	0.50	0.67	0.36	0.28	0.36
O_2		%	0	0.1	9.52	6.65	7.20	6.86	6.86	6.50	6.61	6.21	9.11	6.91	7.10	6.72	7.43	6.03	6.24	6.64
FL1		Sm³	12	10	11,485	14,300	13,930	14,393	14,373	14,708	14,640	15,120	12,112	14,079	14,018	14,598	13,546	15,107	14,826	14,414
TMP		℃	0	1	187.11	187.03	186.82	186.71	186.80	186.56	186.24	186.52	187.39	187.56	187.23	187.30	186.85	186.59	187.26	187.63
TM1		℃	0	1	1,040.91	1,063.70	1,056.61	1,036.68	1,037.86	1,030.47	1,037.55	1,036.61	1,061.91	1,068.15	1,037.39	1,022.52	1,008.20	1,049.71	1,058.32	1,050.71
TM3		℃	0	1	36.21	36.22	36.24	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.24

					08-21 16:00	08-21 16:30	08-21 17:00	08-21 17:30	08-21 18:00	08-21 18:30	08-21 19:00	08-21 19:30	08-21 20:00	08-21 20:30	08-21 21:00	08-21 21:30	08-21 22:00	08-21 22:30	08-21 23:00	08-21 23:30
TSP	20	mg/Sm³	12	1	0.67	0.49	0.45	0.47	0.51	0.52	0.51	0.48	0.69	0.51	0.48	0.51	0.52	0.50	0.48	0.55
SOx	30	ppm	12	1	0.00	0.33	0.00	0.84	0.01	0.08	0.00	0.29	0.00	0.01	1.42	0.08	0.63	0.00	0.40	1.35
NOx	70	ppm	12	1	21.60	14.18	19.41	18.78	18.62	23.93	24.21	24.68	31.96	26.31	23.59	25.12	26.03	31.61	33.96	24.87
HCl	15	ppm	12	1	2.05	1.42	1.03	2.78	2.38	3.05	3.56	4.27	5.95	2.56	5.22	3.38	4.98	3.14	2.94	3.73
CO	50	ppm	12	1	0.75	0.42	0.32	0.73	0.39	0.42	0.44	0.27	0.40	0.34	0.35	0.35	0.33	0.17	1.11	14.48
O_2		%	0	0.1	10.21	6.50	5.62	5.40	6.84	7.06	6.66	5.61	9.30	6.57	5.64	6.27	6.90	6.28	5.39	7.22
FL1		Sm³	12	10	11,473	14,818	15,824	16,038	14,386	13,939	14,632	16,071	11,645	14,800	15,753	15,095	14,100	14,887	16,084	14,109
TMP		℃	0	1	188.07	188.06	187.29	188.04	188.34	187.95	187.39	188.03	188.46	187.76	188.09	188.16	187.83	187.38	187.66	187.37
TM1		℃	0	1	1,010.43	1,022.80	1,056.43	1,077.25	1,023.66	1,054.17	1,034.07	1,083.25	1,059.17	1,048.59	1,097.57	1,046.87	1,068.97	1,077.29	1,107.35	1,043.95
TM3		℃	0	1	36.24	36.24	36.25	36.24	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

8월 22일 굴뚝별 트랜드

					08-22 00:00	08-22 00:30	08-22 01:00	08-22 01:30	08-22 02:00	08-22 02:30	08-22 03:00	08-22 03:30	08-22 04:00	08-22 04:30	08-22 05:00	08-22 05:30	08-22 06:00	08-22 06:30	08-22 07:00	08-22 07:30
TSP	20	mg/Sm³	12	1	0.66	0.54	0.56	0.53	0.54	0.57	0.54	0.53	0.68	0.54	0.57	0.53	0.54	0.52	0.52	0.60
SOx	30	ppm	12	1	0.09	0.00	0.00	0.00	0.48	0.80	0.21	4.70	25.79	0.00	0.00	0.37	0.00	0.02	0.04	0.00
NOx	70	ppm	12	1	34.91	22.71	19.37	22.25	26.62	24.58	32.91	25.08	35.82	27.77	18.88	21.22	24.80	26.53	30.91	17.77
HCl	15	ppm	12	1	2.58	2.16	2.50	2.21	2.45	4.83	2.18	2.42	6.16	3.23	2.62	3.10	3.68	2.02	2.99	3.23
CO	50	ppm	12	1	0.64	0.39	0.48	0.38	0.77	0.39	0.45	17.51	81.14	0.36	0.56	0.38	0.33	0.49	0.24	0.89
O_2		%	0	0.1	9.66	7.00	7.49	6.57	6.72	7.25	6.60	6.98	9.71	6.76	7.69	6.68	6.72	6.32	6.31	8.29
FL1		Sm³	12	10	12,527	14,763	14,166	15,253	15,248	14,296	15,015	14,553	12,602	14,977	14,024	15,186	15,098	15,675	15,438	13,193
TMP		℃	0	1	187.02	187.69	188.12	188.08	187.80	188.13	187.91	187.20	187.24	187.93	187.86	187.39	188.18	188.02	188.33	188.22
TM1		℃	0	1	1,046.52	1,045.13	1,013.53	1,060.01	1,030.63	1,077.41	1,090.99	1,061.20	1,075.14	1,087.35	1,040.35	1,076.09	1,074.65	1,100.05	1,107.62	1,029.19
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.24	36.22	36.24	36.24	36.24	36.23	36.25	36.25	36.25	36.25	36.25	36.25

					08-22 08:00	08-22 08:30	08-22 09:00	08-22 09:30	08-22 10:00	08-22 10:30	08-22 11:00	08-22 11:30	08-22 12:00	08-22 12:30	08-22 13:00	08-22 13:30	08-22 14:00	08-22 14:30	08-22 15:00	08-22 15:30
TSP	20	mg/Sm³	12	1	0.66	0.52	0.59	0.52	0.50	0.53	0.55	0.50	0.69	0.57	0.53	0.50	0.54	0.49	0.55	0.51
SOx	30	ppm	12	1	0.00	0.05	0.00	0.00	0.02	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.14	0.00	1.70
NOx	70	ppm	12	1	35.33	25.18	15.20	17.44	20.84	20.23	22.14	25.47	25.37	20.43	15.60	15.07	17.00	22.02	19.39	23.54
HCl	15	ppm	12	1	2.44	3.90	2.86	1.23	1.77	2.90	2.61	1.81	3.32	1.55	1.13	1.40	1.35	1.31	2.31	2.44
CO	50	ppm	12	1	0.48	0.30	0.61	0.38	0.40	0.42	0.59	0.28	0.59	0.68	0.54	0.31	0.43	0.35	0.91	0.84
O_2		%	0	0.1	8.62	6.73	8.11	7.30	6.61	7.22	7.73	6.64	9.80	8.17	7.54	7.09	7.74	6.09	7.23	6.70
FL1		Sm³	12	10	12,806	15,060	13,343	14,172	15,260	14,527	14,004	15,036	11,483	13,318	14,230	14,468	14,003	16,110	14,629	15,157
TMP		℃	0	1	187.93	188.90	188.95	186.98	187.70	189.18	189.18	188.90	188.71	188.13	187.25	188.03	188.57	189.29	189.80	189.84
TM1		℃	0	1	1,098.34	1,075.91	1,010.13	1,047.13	1,066.21	1,044.59	1,024.11	1,072.83	1,051.33	995.28	1,013.05	1,039.59	1,023.59	1,081.08	1,030.61	1,051.63
TM3		℃	0	1	36.24	36.24	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

					08-22 16:00	08-22 16:30	08-22 17:00	08-22 17:30	08-22 18:00	08-22 18:30	08-22 19:00	08-22 19:30	08-22 20:00	08-22 20:30	08-22 21:00	08-22 21:30	08-22 22:00	08-22 22:30	08-22 23:00	08-22 23:30
TSP	20	mg/Sm³	12	1	0.67	0.51	0.54	0.54	0.56	0.51	0.51	0.55	0.66	0.51	0.53	0.50	0.52	0.55	0.49	0.49
SOx	30	ppm	12	1	2.27	0.05	0.13	0.00	0.05	0.00	0.00	0.00	5.83	0.18	0.00	0.00	0.00	0.03	1.89	0.46
NOx	70	ppm	12	1	32.14	26.50	23.78	28.96	21.32	27.77	20.95	17.22	27.08	15.60	14.51	18.15	13.47	12.84	16.91	19.73
HCl	15	ppm	12	1	5.86	2.01	2.02	1.90	3.02	1.45	3.75	2.93	15.60	7.03	2.44	2.85	4.42	4.24	4.57	6.91
CO	50	ppm	12	1	0.44	0.52	0.62	0.45	0.71	0.56	0.46	0.60	0.63	0.44	0.51	0.32	0.65	0.70	0.61	0.50
O_2		%	0	0.1	9.74	6.68	7.53	7.38	7.88	6.53	6.34	7.70	9.02	6.50	7.16	6.22	6.95	7.50	6.38	6.38
FL1		Sm³	12	10	11,816	14,941	13,909	14,340	13,595	15,379	15,432	13,649	12,534	15,250	14,607	15,677	14,856	14,158	15,321	15,284
TMP		℃	0	1	189.63	189.10	188.68	188.77	188.80	188.14	188.41	188.52	187.10	188.09	187.94	187.98	188.73	188.43	188.03	188.43
TM1		℃	0	1	1,062.43	1,102.77	1,064.59	1,047.93	1,017.01	1,071.67	1,079.83	1,012.42	1,073.49	1,059.95	1,019.55	1,066.92	1,027.55	1,009.95	1,062.85	1,080.08
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