7월 15일 굴뚝별 트랜드

					07-15 00:00	07-15 00:30	07-15 01:00	07-15 01:30	07-15 02:00	07-15 02:30	07-15 03:00	07-15 03:30	07-15 04:00	07-15 04:30	07-15 05:00	07-15 05:30	07-15 06:00	07-15 06:30	07-15 07:00	07-15 07:30
TSP	20	mg/Sm³	12	1	0.58	0.44	0.46	0.48	0.45	0.48	0.49	0.48	0.65	0.41	0.44	0.48	0.46	0.48	0.50	0.55
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.51	0.00	3.27	0.26	0.04	0.00	0.17	0.06	0.00
NOx	70	ppm	12	1	25.60	18.46	15.92	14.64	18.47	18.49	20.58	18.22	24.42	20.11	20.63	13.63	21.91	19.00	18.77	10.93
HCl	15	ppm	12	1	2.31	1.54	2.12	2.81	2.59	3.04	3.24	6.60	6.61	5.04	4.31	3.40	2.26	3.92	3.58	4.40
CO	50	ppm	12	1	0.73	0.20	0.21	0.23	0.21	0.26	0.32	0.21	0.48	2.61	2.41	11.26	0.11	0.36	0.72	0.58
O_2		%	0	0.1	8.89	6.12	6.91	7.26	6.54	7.36	7.18	6.93	10.88	4.78	5.39	6.68	6.09	5.84	6.60	8.04
FL1		Sm³	12	10	11,541	14,582	13,550	13,283	14,246	13,437	14,783	14,650	11,524	16,159	15,538	13,875	15,398	15,808	14,740	12,362
TMP		℃	0	1	176.24	176.58	176.35	176.10	176.57	176.73	177.35	178.72	178.96	178.59	178.14	177.33	177.36	178.79	178.95	180.54
TM1		℃	0	1	1,068.20	1,079.33	1,053.49	1,043.09	1,051.90	1,025.91	1,012.71	1,057.23	991.24	1,111.42	1,129.12	1,076.03	1,080.98	1,093.85	1,028.99	993.31
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-15 08:00	07-15 08:30	07-15 09:00	07-15 09:30	07-15 10:00	07-15 10:30	07-15 11:00	07-15 11:30	07-15 12:00	07-15 12:30	07-15 13:00	07-15 13:30	07-15 14:00	07-15 14:30	07-15 15:00	07-15 15:30
TSP	20	mg/Sm³	12	1	0.61	0.42	0.50	0.45	0.45	0.49	0.40	0.47	0.64	0.41	0.47	0.44	0.41	0.48	0.44	0.41
SOx	30	ppm	12	1	0.09	1.37	0.00	0.00	0.00	0.00	1.85	0.00	0.05	0.02	0.00	0.00	0.27	0.00	0.00	0.03
NOx	70	ppm	12	1	16.73	22.39	17.11	20.84	16.04	16.06	21.12	15.56	23.02	19.17	8.42	21.52	21.83	15.69	14.43	17.19
HCl	15	ppm	12	1	2.00	1.74	3.38	2.29	3.73	3.40	3.41	4.44	6.13	2.32	3.24	1.26	2.99	4.88	2.32	2.50
CO	50	ppm	12	1	31.19	32.41	0.42	2.50	0.32	0.36	11.57	0.34	0.57	2.18	0.37	0.18	0.28	0.74	1.07	3.70
O_2		%	0	0.1	7.93	4.38	7.21	6.09	5.99	7.30	4.06	6.61	10.06	5.49	7.51	6.04	5.31	7.06	6.38	5.38
FL1		Sm³	12	10	13,156	17,210	14,108	15,510	15,417	14,123	17,950	14,810	10,905	15,657	11,987	14,323	15,523	13,680	14,484	16,188
TMP		℃	0	1	183.52	179.60	179.91	178.99	179.15	179.06	179.50	180.21	179.59	179.26	180.83	181.64	177.88	178.69	177.04	178.10
TM1		℃	0	1	1,034.35	1,145.42	1,055.02	1,051.18	1,073.25	1,007.30	1,112.44	1,038.49	1,033.37	1,057.76	1,043.17	1,083.36	1,095.63	1,038.37	1,026.48	1,077.84
TM3		℃	0	1	36.14	36.14	36.15	36.16	36.16	36.17	36.17	36.17	36.17	36.17	36.17	36.15	36.13	36.13	36.13	36.13

					07-15 16:00	07-15 16:30	07-15 17:00	07-15 17:30	07-15 18:00	07-15 18:30	07-15 19:00	07-15 19:30	07-15 20:00	07-15 20:30	07-15 21:00	07-15 21:30	07-15 22:00	07-15 22:30	07-15 23:00	07-15 23:30
TSP	20	mg/Sm³	12	1	0.63	0.47	0.48	0.41	0.45	0.45	0.46	0.48	0.64	0.48	0.54	0.50	0.46	0.43	0.44	0.42
SOx	30	ppm	12	1	0.47	1.15	0.25	4.99	0.27	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
NOx	70	ppm	12	1	18.21	10.35	12.18	24.87	18.18	22.60	17.72	13.32	17.77	15.76	12.44	19.85	12.33	10.96	12.01	21.53
HCl	15	ppm	12	1	5.12	2.22	4.35	2.66	6.28	4.04	3.71	2.66	4.44	2.52	2.65	2.75	2.42	2.38	2.42	2.08
CO	50	ppm	12	1	5.89	23.70	0.58	9.63	0.34	0.31	0.36	0.78	8.11	0.42	0.69	0.75	2.59	7.42	0.61	0.19
O_2		%	0	0.1	10.61	6.99	7.35	5.08	6.58	6.50	6.33	6.73	9.67	6.89	8.59	8.16	6.74	5.77	6.55	5.52
FL1		Sm³	12	10	10,718	14,772	14,221	16,882	14,293	14,636	14,972	14,721	11,724	14,542	12,692	13,480	14,594	15,120	13,827	15,477
TMP		℃	0	1	179.47	178.35	178.85	180.43	179.67	178.66	178.90	178.66	178.84	178.81	177.63	177.05	178.28	177.10	176.54	176.92
TM1		℃	0	1	1,022.44	968.97	1,011.01	1,070.49	1,067.05	1,060.79	1,052.79	1,010.66	1,045.89	1,013.61	966.70	969.23	970.40	1,040.93	1,070.03	1,112.41
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

7월 16일 굴뚝별 트랜드

					07-16 00:00	07-16 00:30	07-16 01:00	07-16 01:30	07-16 02:00	07-16 02:30	07-16 03:00	07-16 03:30	07-16 04:00	07-16 04:30	07-16 05:00	07-16 05:30	07-16 06:00	07-16 06:30	07-16 07:00	07-16 07:30
TSP	20	mg/Sm³	12	1	0.59	0.49	0.51	0.51	0.49	0.50	0.51	0.53	0.67	0.46	0.50	0.49	0.46	0.47	0.54	0.47
SOx	30	ppm	12	1	0.05	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.17	0.22	0.03	0.47	0.01	0.00	0.09
NOx	70	ppm	12	1	27.29	27.48	25.16	20.56	23.53	26.11	26.00	22.81	26.57	23.54	23.16	24.62	24.80	31.95	20.96	32.25
HCl	15	ppm	12	1	4.43	3.43	3.19	2.89	2.73	3.15	2.81	3.12	3.94	2.42	3.62	4.58	4.68	5.06	4.72	4.75
CO	50	ppm	12	1	0.17	0.12	0.18	0.19	0.19	0.17	0.25	0.38	1.42	0.36	0.42	0.22	0.25	0.11	0.41	0.15
O_2		%	0	0.1	8.40	6.63	7.21	7.38	6.80	7.12	7.10	8.06	10.58	6.69	7.18	6.74	5.57	6.02	8.12	6.36
FL1		Sm³	12	10	12,462	14,302	13,709	13,660	14,298	13,806	13,968	12,720	10,034	14,196	13,910	14,563	15,821	15,089	12,804	14,626
TMP		℃	0	1	177.29	177.63	177.20	176.67	177.03	177.27	176.41	176.32	175.88	174.47	176.07	177.17	177.62	177.74	177.06	176.96
TM1		℃	0	1	1,111.57	1,111.93	1,076.28	1,041.77	1,063.45	1,076.72	1,064.45	1,039.90	1,030.53	1,058.79	1,038.70	1,066.81	1,101.02	1,107.01	1,029.50	1,086.99
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-16 08:00	07-16 08:30	07-16 09:00	07-16 09:30	07-16 10:00	07-16 10:30	07-16 11:00	07-16 11:30	07-16 12:00	07-16 12:30	07-16 13:00	07-16 13:30	07-16 14:00	07-16 14:30	07-16 15:00	07-16 15:30
TSP	20	mg/Sm³	12	1	0.61	0.53	0.49	0.52	0.46	0.44	0.47	0.44	0.55	0.39	0.49	0.45	0.43	0.43	0.49	0.44
SOx	30	ppm	12	1	0.03	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	29.34	25.35	21.11	16.17	20.55	17.29	9.50	10.71	17.97	20.72	14.39	18.63	20.73	23.14	11.98	18.51
HCl	15	ppm	12	1	6.30	4.01	2.85	2.37	2.70	3.40	3.29	2.32	2.59	2.15	2.99	2.35	2.51	2.20	2.35	1.87
CO	50	ppm	12	1	0.36	0.28	0.95	0.48	0.20	0.53	0.22	0.37	0.84	0.27	0.30	0.26	0.18	0.15	0.35	0.21
O_2		%	0	0.1	10.14	8.00	7.08	8.46	7.24	5.55	7.23	6.45	9.03	5.13	7.70	6.79	6.18	6.31	8.14	7.03
FL1		Sm³	12	10	11,822	12,892	13,925	12,621	14,676	15,712	13,853	14,601	12,194	16,015	13,170	14,263	14,895	14,660	12,493	13,762
TMP		℃	0	1	177.15	176.81	176.88	176.38	176.12	179.17	178.85	178.16	177.48	177.65	178.91	177.92	178.47	178.12	177.03	175.68
TM1		℃	0	1	1,034.45	1,048.19	1,050.62	971.25	1,029.31	1,086.15	1,029.97	1,039.26	1,057.95	1,127.11	1,042.55	1,036.21	1,080.41	1,085.33	1,015.22	1,037.82
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-16 16:00	07-16 16:30	07-16 17:00	07-16 17:30	07-16 18:00	07-16 18:30	07-16 19:00	07-16 19:30	07-16 20:00	07-16 20:30	07-16 21:00	07-16 21:30	07-16 22:00	07-16 22:30	07-16 23:00	07-16 23:30
TSP	20	mg/Sm³	12	1	0.57	0.46	0.43	0.42	0.46	0.45	0.45	0.47	0.62	0.47	0.51	0.45	0.47	0.49	0.47	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	22.66	15.68	15.37	10.63	9.82	13.85	13.24	10.83	17.90	17.35	15.87	19.32	19.05	20.08	13.49	10.65
HCl	15	ppm	12	1	2.77	1.83	2.02	2.18	2.46	1.88	1.75	1.91	3.07	2.05	3.18	2.16	2.31	2.14	2.53	2.51
CO	50	ppm	12	1	0.29	0.44	0.34	1.01	0.28	0.20	0.19	0.29	0.25	0.18	0.36	0.10	0.06	0.17	0.32	0.65
O_2		%	0	0.1	9.50	7.31	6.50	5.73	7.24	6.89	6.38	6.86	9.60	6.54	8.08	6.95	7.26	7.26	6.55	6.60
FL1		Sm³	12	10	11,378	13,486	14,757	15,524	13,621	14,040	14,768	14,405	11,525	14,502	12,814	13,876	13,331	13,737	14,666	14,583
TMP		℃	0	1	176.65	177.40	177.06	178.25	178.17	177.44	177.71	177.87	177.98	177.66	177.09	175.73	176.29	176.20	176.93	177.38
TM1		℃	0	1	1,055.79	1,011.77	1,040.55	1,060.06	1,038.60	1,046.55	1,043.75	1,022.41	1,037.08	1,048.29	1,017.57	1,068.44	1,066.75	1,056.34	1,054.23	1,031.09
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

7월 17일 굴뚝별 트랜드

					07-17 00:00	07-17 00:30	07-17 01:00	07-17 01:30	07-17 02:00	07-17 02:30	07-17 03:00	07-17 03:30	07-17 04:00	07-17 04:30	07-17 05:00	07-17 05:30	07-17 06:00	07-17 06:30	07-17 07:00	07-17 07:30
TSP	20	mg/Sm³	12	1	0.61	0.48	0.48	0.44	0.47	0.50	0.46	0.50	0.64	0.53	0.44	0.55	0.49	0.50	0.46	0.49
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.23	0.00	0.00	0.95	0.00	0.00	0.00	0.01	0.38
NOx	70	ppm	12	1	19.53	11.96	11.22	14.00	16.25	15.14	15.64	16.04	22.90	11.39	19.61	14.86	18.95	16.71	18.79	15.42
HCl	15	ppm	12	1	3.51	2.72	2.18	2.51	2.68	2.87	3.09	4.25	3.47	2.93	2.85	4.67	2.87	3.79	3.25	4.35
CO	50	ppm	12	1	0.49	0.27	0.67	0.16	0.24	0.25	0.75	0.21	0.39	0.51	2.81	0.38	0.29	0.29	0.17	3.14
O_2		%	0	0.1	8.94	6.70	7.00	6.59	6.87	7.37	5.97	6.79	8.78	7.70	5.16	7.81	6.51	7.40	6.68	6.62
FL1		Sm³	12	10	11,981	14,064	13,553	13,688	13,529	13,482	15,283	14,415	12,312	13,388	16,154	13,275	14,828	13,385	14,197	14,382
TMP		℃	0	1	177.19	177.05	175.62	173.97	175.58	175.95	176.43	176.56	176.68	176.63	175.14	176.63	176.52	175.22	174.14	175.87
TM1		℃	0	1	1,057.53	1,043.09	1,017.68	1,070.81	1,070.27	1,033.17	1,054.43	1,037.08	1,047.30	992.55	1,083.43	1,011.41	1,026.82	1,012.27	1,050.80	1,073.89
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-17 08:00	07-17 08:30	07-17 09:00	07-17 09:30	07-17 10:00	07-17 10:30	07-17 11:00	07-17 11:30	07-17 12:00	07-17 12:30	07-17 13:00	07-17 13:30	07-17 14:00	07-17 14:30	07-17 15:00	07-17 15:30
TSP	20	mg/Sm³	12	1	0.61	0.51	0.47	0.45	0.46	0.48	0.43	0.50	0.62	0.53	0.51	0.41	0.45	0.43	0.46	0.44
SOx	30	ppm	12	1	0.00	0.00	0.00	0.18	0.00	0.00	0.09	0.03	0.54	0.00	0.00	0.00	0.02	0.00	0.00	0.00
NOx	70	ppm	12	1	25.54	14.20	20.29	21.94	25.61	21.77	31.30	20.22	27.01	18.44	16.94	22.55	20.13	25.91	24.59	25.74
HCl	15	ppm	12	1	3.39	2.49	1.50	2.70	2.65	2.61	2.03	2.91	1.82	1.37	0.50	0.53	2.03	1.75	2.31	1.88
CO	50	ppm	12	1	0.21	0.18	0.11	0.17	0.06	0.17	0.06	0.26	22.64	0.57	0.68	0.32	3.46	0.20	0.21	0.16
O_2		%	0	0.1	8.34	7.44	6.63	6.03	6.49	6.91	5.46	7.53	8.80	8.01	8.67	5.36	6.29	6.22	6.99	6.03
FL1		Sm³	12	10	12,652	13,446	14,460	14,899	14,486	14,016	15,642	13,507	11,236	12,812	11,951	16,117	14,552	14,721	14,001	15,049
TMP		℃	0	1	177.12	177.08	176.55	177.23	177.50	177.31	177.51	177.11	176.73	176.62	175.64	175.23	178.36	177.68	177.79	178.05
TM1		℃	0	1	1,079.78	1,048.68	1,043.21	1,106.07	1,085.86	1,085.89	1,107.72	1,068.07	1,119.77	1,056.17	966.69	1,082.77	1,096.97	1,104.61	1,075.17	1,085.36
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-17 16:00	07-17 16:30	07-17 17:00	07-17 17:30	07-17 18:00	07-17 18:30	07-17 19:00	07-17 19:30	07-17 20:00	07-17 20:30	07-17 21:00	07-17 21:30	07-17 22:00	07-17 22:30	07-17 23:00	07-17 23:30
TSP	20	mg/Sm³	12	1	0.61	0.45	0.43	0.47	0.49	0.44	0.47	0.45	0.62	0.50	0.45	0.44	0.50	0.46	0.46	0.45
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.15	0.93	0.00	0.00	0.00	0.10	3.75	0.00	0.00	0.00	0.19
NOx	70	ppm	12	1	21.38	20.42	19.78	19.36	19.18	19.55	17.13	18.41	26.87	15.82	18.86	17.71	16.51	18.70	16.80	12.96
HCl	15	ppm	12	1	2.28	1.42	2.39	2.87	3.21	5.87	7.78	3.86	5.25	3.81	3.72	7.62	4.66	2.70	3.90	4.91
CO	50	ppm	12	1	0.37	0.22	0.19	0.31	0.61	2.06	1.28	0.41	1.54	0.42	0.36	1.70	0.69	0.35	1.69	0.84
O_2		%	0	0.1	10.14	6.71	6.02	7.33	7.63	5.93	6.53	6.04	8.53	7.17	5.81	5.27	7.63	7.01	5.92	5.52
FL1		Sm³	12	10	11,012	14,475	15,096	13,648	13,603	15,833	14,881	15,515	12,445	14,040	15,736	16,240	13,468	14,515	16,041	16,338
TMP		℃	0	1	177.86	177.29	177.75	177.64	177.35	178.53	179.32	178.56	179.13	178.41	178.16	178.68	177.73	176.81	178.43	179.56
TM1		℃	0	1	1,051.59	1,044.45	1,083.59	1,043.35	1,000.05	1,043.93	1,040.89	1,045.55	1,061.15	1,027.38	1,052.70	1,089.44	1,015.11	1,011.85	1,048.57	1,069.80
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13