3월 21일 굴뚝별 트랜드

					03-21 00:00	03-21 00:30	03-21 01:00	03-21 01:30	03-21 02:00	03-21 02:30	03-21 03:00	03-21 03:30	03-21 04:00	03-21 04:30	03-21 05:00	03-21 05:30	03-21 06:00	03-21 06:30	03-21 07:00	03-21 07:30
TSP	20	mg/Sm³	12	1	1.35	2.51	2.56	2.19	2.23	2.17	2.22	2.06	1.29	2.18	2.36	2.00	2.31	1.96	2.14	2.31
SOx	30	ppm	12	1	1.03	1.00	0.42	0.14	0.00	0.00	0.00	0.00	0.18	0.03	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	3.64	3.72	3.21	2.78	3.08	2.87	2.19	3.22	3.73	3.44	2.17	2.18	1.80	1.31	1.01	0.71
HCl	15	ppm	12	1	0.74	1.72	2.06	2.14	2.32	2.51	2.64	3.22	1.99	3.71	3.46	3.47	3.68	3.77	3.86	3.57
CO	50	ppm	12	1	0.00	0.00	0.00	0.00	0.06	0.00	0.18	0.34	0.01	0.00	0.00	0.13	0.16	0.22	0.19	0.08
O_2		%	0	0.1	20.50	20.46	20.46	20.46	20.48	20.49	20.49	20.49	20.52	20.46	20.45	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMP		℃	0	1	12.07	11.60	11.93	11.55	12.23	12.99	13.11	13.22	13.45	13.85	13.99	13.96	13.98	13.98	14.01	14.14
TM1		℃	0	1	15.01	14.89	15.36	15.29	15.31	15.81	15.76	15.76	16.07	16.10	16.39	16.44	16.44	16.36	16.61	16.34
IRS		℃	0	1	36.46	36.45	36.45	36.45	36.45	36.45	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

					03-21 08:00	03-21 08:30	03-21 09:00	03-21 09:30	03-21 10:00	03-21 10:30	03-21 11:00	03-21 11:30	03-21 12:00	03-21 12:30	03-21 13:00	03-21 13:30	03-21 14:00	03-21 14:30	03-21 15:00	03-21 15:30
TSP	20	mg/Sm³	12	1	1.19	1.89	2.18	3.67	4.24	3.89	14.88	18.58	11.64	18.78	18.76	15.63	18.47	21.28	18.51	22.23
SOx	30	ppm	12	1	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	5.40	9.16	13.09	17.45	20.86	23.81	25.94
NOx	70	ppm	12	1	3.22	3.03	1.75	1.34	0.30	0.00	0.00	0.00	4.60	6.95	7.17	7.23	8.56	11.07	11.40	12.65
HCl	15	ppm	12	1	2.04	3.85	4.09	5.24	6.27	7.39	7.80	8.81	1.79	3.41	2.84	1.83	1.53	1.58	1.31	1.15
CO	50	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.16	0.16	0.27	0.30	0.44	0.49
O_2		%	0	0.1	20.48	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	11
TMP		℃	0	1	14.21	14.33	15.31	16.37	17.05	17.43	17.89	18.04	18.00	17.79	17.49	17.15	16.87	16.67	16.46	16.11
TM1		℃	0	1	16.57	16.86	17.38	17.54	17.36	17.69	17.98	17.85	18.17	17.97	17.81	17.78	17.65	17.77	17.62	17.69
IRS		℃	0	1	36.44	36.44	36.45	36.45	36.46	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					03-21 16:00	03-21 16:30	03-21 17:00	03-21 17:30	03-21 18:00	03-21 18:30	03-21 19:00	03-21 19:30	03-21 20:00	03-21 20:30	03-21 21:00	03-21 21:30	03-21 22:00	03-21 22:30	03-21 23:00	03-21 23:30
TSP	20	mg/Sm³	12	1	10.98	18.51	18.30	8.60	2.90	4.18	2.43	2.20	1.16	3.94	4.32	6.39	6.44	6.71	5.19	2.84
SOx	30	ppm	12	1	2.11	4.69	7.80	11.66	16.04	20.75	22.60	24.87	0.52	0.22	0.96	0.78	0.92	0.80	0.63	0.00
NOx	70	ppm	12	1	5.56	7.91	8.59	10.32	11.66	13.03	13.51	13.61	6.23	8.72	8.24	8.14	7.81	7.84	7.52	7.21
HCl	15	ppm	12	1	0.03	0.03	0.22	0.03	0.00	0.00	0.00	0.00	0.01	0.34	1.07	1.26	1.61	1.99	2.32	2.75
CO	50	ppm	12	1	0.01	0.00	0.03	0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.17	0.22	0.36
O_2		%	0	0.1	20.48	20.45	20.45	20.47	20.47	20.49	20.49	20.50	20.53	20.47	20.47	20.46	20.46	20.46	20.45	20.46
FL1		Sm³	12	10	143	14	7	0	0	0	0	0	0	0	0	0	0	0	0	0
TMP		℃	0	1	15.76	15.26	14.84	14.49	14.25	14.01	13.71	13.40	13.07	12.71	12.45	12.32	12.05	11.98	11.83	11.74
TM1		℃	0	1	17.31	17.21	17.00	16.88	16.99	16.97	16.94	16.73	16.55	16.44	16.35	16.01	16.15	16.07	15.86	15.63
IRS		℃	0	1	36.47	36.47	36.48	36.48	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

3월 22일 굴뚝별 트랜드

					03-22 00:00	03-22 00:30	03-22 01:00	03-22 01:30	03-22 02:00	03-22 02:30	03-22 03:00	03-22 03:30	03-22 04:00	03-22 04:30	03-22 05:00	03-22 05:30	03-22 06:00	03-22 06:30	03-22 07:00	03-22 07:30
TSP	20	mg/Sm³	12	1	1.18	3.57	5.31	4.23	3.74	2.43	2.32	2.32	1.29	2.50	2.54	2.50	2.61	2.54	2.64	2.54
SOx	30	ppm	12	1	1.20	1.94	1.96	2.78	2.48	2.81	2.27	2.89	0.98	2.21	2.18	2.37	2.76	2.70	2.89	2.51
NOx	70	ppm	12	1	7.24	11.29	11.86	12.11	12.33	12.57	12.35	14.05	5.19	6.63	6.74	6.87	6.93	7.06	7.31	6.90
HCl	15	ppm	12	1	1.23	2.84	4.25	4.12	4.64	5.18	5.27	7.04	0.25	0.00	0.00	0.00	0.00	0.11	0.14	0.08
CO	50	ppm	12	1	0.01	0.00	0.16	0.16	0.16	0.16	0.19	0.27	0.01	0.05	0.00	0.00	0.08	0.03	0.11	0.11
O_2		%	0	0.1	20.49	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.49	20.45	20.45	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	0	0	3	0	0	0	0	2	62	12	13	14	14	14	14	14
TMP		℃	0	1	11.66	11.66	11.67	11.66	11.64	11.64	11.64	11.67	11.72	11.74	11.77	11.72	11.82	11.74	11.75	11.75
TM1		℃	0	1	15.50	15.31	15.51	15.11	15.35	15.33	15.09	14.90	14.93	14.90	14.65	14.64	14.34	14.28	14.23	14.34
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.48	36.48	36.48	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					03-22 08:00	03-22 08:30	03-22 09:00	03-22 09:30	03-22 10:00	03-22 10:30	03-22 11:00	03-22 11:30	03-22 12:00	03-22 12:30	03-22 13:00	03-22 13:30	03-22 14:00	03-22 14:30	03-22 15:00	03-22 15:30
TSP	20	mg/Sm³	12	1	1.43	2.71	2.61	2.57	2.32	2.25	2.15	2.15	1.28	2.22	2.22	1.91	2.11	1.87	2.04	1.77
SOx	30	ppm	12	1	1.17	2.78	3.22	4.53	5.86	7.94	9.14	6.66	0.79	0.27	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	6.56	11.48	11.92	12.33	14.95	17.29	15.08	4.26	7.12	11.59	10.75	10.31	10.07	9.65	9.57	9.65
HCl	15	ppm	12	1	0.98	2.21	2.37	1.83	3.60	4.42	2.62	0.00	2.45	5.35	5.95	6.22	6.47	6.36	6.60	6.71
CO	50	ppm	12	1	0.00	0.00	0.03	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
O_2		%	0	0.1	20.49	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.48	20.45	20.45	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	122	14	14	14	14	14	14	14	124	14	14	14	13	10	4	1
TMP		℃	0	1	11.76	11.70	11.68	11.64	11.62	11.53	11.40	11.27	11.24	11.23	11.17	11.16	11.02	10.94	10.98	10.99
TM1		℃	0	1	14.18	14.27	14.63	14.47	14.46	14.53	14.51	14.69	14.89	14.78	14.78	15.19	15.70	15.76	15.91	15.84
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					03-22 16:00	03-22 16:30	03-22 17:00	03-22 17:30	03-22 18:00	03-22 18:30	03-22 19:00	03-22 19:30	03-22 20:00	03-22 20:30	03-22 21:00	03-22 21:30	03-22 22:00	03-22 22:30	03-22 23:00	03-22 23:30
TSP	20	mg/Sm³	12	1	1.06	1.59	1.77	0.69	0.11	0.10	0.10	0.10	0.11	0.45	2.04	2.01	2.14	2.11	2.14	2.24
SOx	30	ppm	12	1	0.36	1.28	1.23	0.47	0.03	0.00	0.00	0.00	0.00	0.64	2.51	2.43	0.52	0.00	0.16	0.38
NOx	70	ppm	12	1	8.47	14.54	14.16	5.09	0.31	0.23	0.81	1.56	0.44	3.46	14.97	13.50	12.05	11.24	10.91	10.80
HCl	15	ppm	12	1	1.75	3.63	3.57	1.33	0.38	0.49	0.42	0.81	0.36	0.20	1.09	1.69	2.21	2.48	2.59	2.62
CO	50	ppm	12	1	0.00	0.00	0.00	0.00	0.03	0.07	0.13	0.17	0.08	0.01	0.25	0.36	0.44	0.36	0.49	0.68
O_2		%	0	0.1	20.48	20.45	20.45	16.01	20.64	20.46	20.45	20.45	20.13	20.48	20.45	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	1	0	0	143	250	19	1	6	1	55	12	14	47	48	40	23
TMP		℃	0	1	11.12	11.21	11.23	8.82	11.13	11.17	10.98	10.88	10.83	10.87	10.83	10.84	10.81	10.74	10.50	10.35
TM1		℃	0	1	15.45	15.23	15.04	11.89	14.87	14.69	14.33	14.46	14.27	14.10	14.13	14.38	14.16	14.23	14.23	13.91
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

3월 23일 굴뚝별 트랜드

					03-23 00:00	03-23 00:30	03-23 01:00	03-23 01:30	03-23 02:00	03-23 02:30	03-23 03:00	03-23 03:30	03-23 04:00	03-23 04:30	03-23 05:00	03-23 05:30	03-23 06:00	03-23 06:30	03-23 07:00	03-23 07:30
TSP	20	mg/Sm³	12	1	1.21	2.24	2.38	2.28	2.28	2.30	2.34	2.38	1.24	2.31	2.41	2.48	2.41	2.40	2.37	2.47
SOx	30	ppm	12	1	1.09	2.18	2.32	2.43	2.62	2.59	3.30	3.25	1.44	2.64	2.84	3.08	3.27	3.71	4.22	4.36
NOx	70	ppm	12	1	7.96	13.53	13.55	13.88	13.64	13.72	14.32	14.18	8.17	13.75	13.85	14.08	14.32	14.40	14.89	15.14
HCl	15	ppm	12	1	0.52	0.63	0.79	0.52	0.33	0.33	0.22	0.08	0.70	1.12	1.09	0.82	0.65	0.71	0.71	0.90
CO	50	ppm	12	1	0.01	0.03	0.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
O_2		%	0	0.1	20.47	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.48	20.45	20.45	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	157	36	56	26	21	20	20	23	224	22	40	49	36	37	31	24
TMP		℃	0	1	10.26	10.18	10.03	9.97	9.94	9.75	9.73	9.61	9.62	9.54	9.41	9.27	9.22	9.11	8.99	8.86
TM1		℃	0	1	13.98	13.56	13.61	13.59	13.24	13.25	12.75	12.75	12.79	12.63	12.32	12.54	12.45	12.30	12.22	12.33
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					03-23 08:00	03-23 08:30	03-23 09:00	03-23 09:30	03-23 10:00	03-23 10:30	03-23 11:00	03-23 11:30	03-23 12:00	03-23 12:30	03-23 13:00	03-23 13:30	03-23 14:00	03-23 14:30	03-23 15:00	03-23 15:30
TSP	20	mg/Sm³	12	1	1.28	2.47	2.20	2.13	2.37	2.37	2.54	2.37	1.28	2.31	2.24	2.58	2.62	2.73	2.45	2.63
SOx	30	ppm	12	1	0.51	1.06	2.29	2.76	1.55	0.00	0.00	0.16	1.24	1.75	1.15	1.01	0.55	0.44	0.90	1.04
NOx	70	ppm	12	1	7.35	12.44	13.03	13.36	13.39	13.86	27.98	26.62	19.13	27.79	20.81	20.73	18.49	15.52	15.98	17.67
HCl	15	ppm	12	1	0.58	1.20	1.01	0.74	1.07	1.39	1.93	2.07	1.08	1.83	1.91	1.93	1.67	1.75	1.77	1.75
CO	50	ppm	12	1	0.00	0.03	0.00	0.16	0.19	0.44	1.69	1.99	0.78	1.04	0.44	0.46	0.38	0.22	0.44	1.15
O_2		%	0	0.1	20.48	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.48	20.45	20.45	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	212	24	23	22	21	20	20	20	174	20	20	20	20	20	20	36
TMP		℃	0	1	8.81	8.80	8.80	8.82	8.85	8.76	8.95	8.92	9.18	9.47	9.71	9.90	9.92	9.95	9.99	10.25
TM1		℃	0	1	12.48	12.61	12.52	12.39	12.83	12.90	13.33	13.30	13.12	12.73	13.09	13.20	13.50	13.57	13.76	13.37
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					03-23 16:00	03-23 16:30	03-23 17:00	03-23 17:30	03-23 18:00	03-23 18:30	03-23 19:00	03-23 19:30	03-23 20:00	03-23 20:30	03-23 21:00	03-23 21:30	03-23 22:00	03-23 22:30	03-23 23:00	03-23 23:30
TSP	20	mg/Sm³	12	1	1.73	7.37	13.71	3.18	3.91	3.49	3.88	3.36	1.87	3.63	3.59	3.53	3.70	3.77	3.73	3.73
SOx	30	ppm	12	1	1.24	2.21	2.24	2.02	1.42	1.18	1.12	1.26	0.69	1.94	1.45	0.98	0.68	0.30	0.38	1.09
NOx	70	ppm	12	1	13.97	20.89	18.68	17.84	18.33	18.06	19.12	18.54	7.63	11.24	10.50	15.79	24.30	27.03	28.04	30.00
HCl	15	ppm	12	1	1.52	2.92	3.22	3.08	3.57	3.33	3.22	2.97	0.68	1.26	1.28	1.61	1.88	2.29	1.91	1.58
CO	50	ppm	12	1	3.61	4.12	1.17	0.76	0.38	0.22	0.16	0.19	0.00	0.00	0.00	0.00	0.13	0.16	0.16	0.16
O_2		%	0	0.1	20.46	20.45	20.45	20.45	20.45	20.45	20.45	20.45	20.48	20.45	20.45	20.45	20.45	20.45	20.45	20.45
FL1		Sm³	12	10	516	117	98	20	24	24	27	24	212	24	24	24	25	34	142	147
TMP		℃	0	1	10.85	11.09	11.26	11.04	10.97	10.99	11.05	11.09	11.07	10.74	10.36	10.55	10.94	11.06	10.82	10.44
TM1		℃	0	1	13.41	12.59	12.37	12.17	12.03	12.09	12.19	12.09	11.59	11.80	12.27	12.31	12.34	12.19	12.28	12.17
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47