

KCNO ASOS Observations – February 3, 2019

5-Minute Obs

03179KCNO CNO20190203114514202/03/19 11:45:31 5-MIN KCNO 031945Z 00000KT 4SM -RA BR FEW002
BKN023 OVC035 13/11 A2994 630 86 600 000/00 RMK AO2 RAE1859B42 P0000 T01330111

03179KCNO CNO20190203115014902/03/19 11:50:31 5-MIN KCNO 031950Z 00000KT 5SM -RA BR FEW002
BKN023 OVC035 13/11 A2994 640 86 600 000/00 RMK AO2 RAE1859B42 SLP137 P0000 T01330111

03179KCNO CNO20190203115512102/03/19 11:55:31 5-MIN KCNO 031955Z 00000KT 5SM HZ SCT012 BKN017
OVC055 14/11 A2993 640 83 700 000/00 RMK AO2 T01390111

03179KCNO CNO20190203120012102/03/19 12:00:31 5-MIN KCNO 032000Z 00000KT 4SM HZ SCT012 BKN017
OVC060 14/11 A2993 640 83 700 000/00 RMK AO2 T01390111

03179KCNO CNO20190203120512102/03/19 12:05:31 5-MIN KCNO 032005Z 00000KT 5SM HZ FEW012 BKN017
OVC060 14/11 A2993 640 83 700 000/00 RMK AO2 T01390111

03179KCNO CNO20190203121012102/03/19 12:10:31 5-MIN KCNO 032010Z 00000KT 5SM BR BKN017 BKN028
OVC060 14/12 A2993 650 86 700 000/00 RMK AO2 T01390117

03179KCNO CNO20190203121513802/03/19 12:15:31 5-MIN KCNO 032015Z 00000KT 2 1/2SM -RA FEW012
BKN017 OVC060 14/11 A2993 640 83 700 000/00 RMK AO2 RAB12 P0001 T01390111

03179KCNO CNO20190203122014102/03/19 12:20:31 5-MIN KCNO 032020Z 24008KT 1 1/2SM +RA BR SCT010
BKN017 OVC060 13/11 A2993 650 86 600 220/08 RMK AO2 RAB12 P0005 T01330111

03179KCNO CNO20190203122514002/03/19 12:25:31 5-MIN KCNO 032025Z 22008KT 1 1/2SM RA BR SCT010
BKN016 OVC060 13/11 A2993 650 86 600 200/08 RMK AO2 RAB12 P0006 T01330111

03179KCNO CNO20190203123014102/03/19 12:30:31 5-MIN KCNO 032030Z 21008KT 1 1/2SM -RA BR FEW012
BKN017 OVC060 13/11 A2992 650 86 600 200/08 RMK AO2 RAB12 P0006 T01330111

03179KCNO CNO20190203123514102/03/19 12:35:31 5-MIN KCNO 032035Z 24009KT 1 1/2SM -RA BR FEW012
BKN017 OVC060 13/12 A2992 650 89 600 220/09 RMK AO2 RAB12 P0006 T01330117

03179KCNO CNO20190203124014102/03/19 12:40:31 5-MIN KCNO 032040Z 22007KT 1 1/2SM -RA BR FEW012
BKN017 OVC060 13/12 A2992 650 93 600 210/07 RMK AO2 RAB12 P0007 T01280117

03179KCNO CNO20190203124514002/03/19 12:45:31 5-MIN KCNO 032045Z 23006KT 1 1/2SM RA BR FEW012
BKN017 OVC060 13/12 A2992 650 93 600 220/06 RMK AO2 RAB12 P0008 T01280117

03179KCNO CNO20190203125013102/03/19 12:50:31 5-MIN KCNO 032050Z 23008KT 1 1/2SM -RA BR FEW009
BKN028 OVC041 13/12 A2992 660 93 600 220/08 RMK AO2 RAB12 P0009

03179KCNO CNO20190203125513502/03/19 12:55:31 5-MIN KCNO 032055Z 23007KT 1 1/2SM -RA BR FEW015
BKN032 OVC041 13/12 A2992 660 93 700 220/07 RMK AO2 P0000 T01330122

03179KCNO CNO20190203130013502/03/19 13:00:31 5-MIN KCNO 032100Z 23006KT 1 1/2SM -RA BR SCT015
BKN030 OVC041 13/12 A2991 660 93 600 220/06 RMK AO2 P0000 T01280117

03179KCNO CNO20190203130513502/03/19 13:05:31 5-MIN KCNO 032105Z 22006KT 1 1/2SM -RA BR SCT015
BKN030 OVC041 13/12 A2991 660 93 600 210/06 RMK AO2 P0001 T01280117

03179KCNO CNO20190203131013502/03/19 13:10:31 5-MIN KCNO 032110Z 22005KT 1 1/2SM -RA BR SCT015
BKN030 OVC041 13/12 A2991 660 93 700 210/05 RMK AO2 P0001 T01330122

03179KCNO CNO20190203131513102/03/19 13:15:31 5-MIN KCNO 032115Z 21006KT 4SM -RA BR SCT015 BKN030
OVC041 13/13 A2991 670 96 700 200/06 RMK AO2 P0001 T01330128

03179KCNO CNO20190203132013302/03/19 13:20:31 5-MIN KCNO 032120Z 20003KT 4SM BR SCT015 BKN030
OVC041 13/13 A2990 670 96 700 180/03 RMK AO2 RAE18 P0001 T01330128

03179KCNO CNO20190203132513302/03/19 13:25:31 5-MIN KCNO 032125Z 21006KT 4SM BR SCT015 BKN030
OVC041 13/13 A2990 670 96 700 200/06 RMK AO2 RAE18 P0001 T01330128

03179KCNO CNO20190203133013302/03/19 13:30:31 5-MIN KCNO 032130Z 21006KT 4SM BR SCT015 BKN030
OVC041 14/13 A2990 670 93 700 200/06 RMK AO2 RAE18 P0001 T01390128

03179KCNO CNO20190203133513302/03/19 13:35:31 5-MIN KCNO 032135Z 21004KT 4SM BR SCT015 BKN030
OVC041 14/12 A2990 670 90 700 200/04 RMK AO2 RAE18 P0001 T01390122

03179KCNO CNO20190203134013302/03/19 13:40:31 5-MIN KCNO 032140Z 23006KT 4SM BR SCT015 BKN030
OVC041 14/12 A2990 670 90 700 220/06 RMK AO2 RAE18 P0001 T01390122

03179KCNO CNO20190203134514002/03/19 13:45:31 5-MIN KCNO 032145Z 23009KT 4SM -RA BR SCT015 BKN030
OVC041 14/12 A2990 680 86 700 210/09 RMK AO2 RAE18B41 P0001 T01390117

03179KCNO CNO20190203135014702/03/19 13:50:31 5-MIN KCNO 032150Z 23008KT 5SM -RA BR SCT029 BKN049
OVC055 14/12 A2990 680 86 700 220/08 RMK AO2 RAE18B41 SLP122 P0001 T01390117

03179KCNO CNO20190203135513102/03/19 13:55:31 5-MIN KCNO 032155Z 23009KT 4SM -RA BR BKN028
BKN042 OVC049 14/12 A2989 680 86 700 210/09 RMK AO2 P0000 T01390117

03179KCNO CNO20190203140013102/03/19 14:00:31 5-MIN KCNO 032200Z 23008KT 4SM -RA BR FEW024
BKN049 OVC055 13/12 A2990 680 89 700 220/08 RMK AO2 P0000 T01330117

03179KCNO CNO20190203140513502/03/19 14:05:31 5-MIN KCNO 032205Z 23010KT 2 1/2SM -RA BR FEW017
BKN024 OVC055 13/11 A2990 680 86 700 220/10 RMK AO2 P0001 T01330111

03179KCNO CNO20190203141013502/03/19 14:10:31 5-MIN KCNO 032210Z 23010KT 2 1/2SM -RA BR SCT015
BKN021 OVC038 13/12 A2990 670 89 700 220/10 RMK AO2 P0002 T01330117

03179KCNO CNO20190203141513502/03/19 14:15:31 5-MIN KCNO 032215Z 23013KT 2 1/2SM -RA BR FEW012
BKN019 OVC038 13/11 A2990 680 89 600 220/13 RMK AO2 P0002 T01280111

03179KCNO CNO20190203142013502/03/19 14:20:31 5-MIN KCNO 032220Z 23009KT 2 1/2SM -RA BR FEW010
BKN026 OVC038 13/11 A2990 670 89 600 220/09 RMK AO2 P0003 T01280111

03179KCNO CNO20190203142513502/03/19 14:25:31 5-MIN KCNO 032225Z 24008KT 2 1/2SM -RA BR FEW017
BKN022 OVC055 13/11 A2990 670 89 600 230/08 RMK AO2 P0003 T01280111

03179KCNO CNO20190203143013502/03/19 14:30:31 5-MIN KCNO 032230Z 24005KT 2 1/2SM -RA BR FEW017
BKN022 OVC055 13/11 A2990 670 89 600 230/05 RMK AO2 P0003 T01280111

03179KCNO CNO20190203143513502/03/19 14:35:31 5-MIN KCNO 032235Z 23005KT 2 1/2SM -RA BR FEW017
BKN022 OVC055 13/12 A2990 670 93 600 220/05 RMK AO2 P0003 T01280117

03179KCNO CNO20190203144013702/03/19 14:40:31 5-MIN KCNO 032240Z 22005KT 2 1/2SM BR FEW017
BKN022 OVC055 13/12 A2990 670 93 600 210/05 RMK AO2 RAE40 P0003 T01280117

03179KCNO CNO20190203144513702/03/19 14:45:31 5-MIN KCNO 032245Z 22004KT 2 1/2SM BR FEW017
BKN022 OVC055 13/12 A2990 670 93 600 210/04 RMK AO2 RAE40 P0003 T01280117

03179KCNO CNO20190203145012302/03/19 14:50:31 5-MIN KCNO 032250Z 20003KT 6SM BR FEW017 SCT030
OVC041 13/12 A2990 670 89 700 190/03 RMK AO2 RAE40 P0003

03179KCNO CNO20190203145511802/03/19 14:55:31 5-MIN KCNO 032255Z 20006KT 7SM FEW017 SCT033
OVC046 13/12 A2990 680 93 700 190/06 RMK AO2 T01330122

03179KCNO CNO20190203150011802/03/19 15:00:31 5-MIN KCNO 032300Z 19007KT 7SM FEW017 SCT033
OVC046 13/12 A2989 680 89 700 180/07 RMK AO2 T01330117

03179KCNO CNO20190203150511802/03/19 15:05:31 5-MIN KCNO 032305Z 21006KT 7SM FEW018 SCT030
OVC046 13/11 A2989 680 86 700 200/06 RMK AO2 T01330111

03179KCNO CNO20190203151011802/03/19 15:10:31 5-MIN KCNO 032310Z 21008KT 7SM FEW018 BKN040
OVC048 14/11 A2989 680 83 700 200/08 RMK AO2 T01390111

03179KCNO CNO20190203151511802/03/19 15:15:31 5-MIN KCNO 032315Z 21010KT 7SM SCT019 BKN034
OVC048 14/11 A2989 680 83 700 190/10 RMK AO2 T01390111

03179KCNO CNO20190203152011802/03/19 15:20:31 5-MIN KCNO 032320Z 21006KT 7SM SCT019 BKN034
OVC048 14/11 A2989 680 83 700 190/06 RMK AO2 T01390111

03179KCNO CNO20190203152511802/03/19 15:25:31 5-MIN KCNO 032325Z 22007KT 7SM FEW017 SCT030
OVC046 14/11 A2989 680 83 700 200/07 RMK AO2 T01390111

03179KCNO CNO20190203153011802/03/19 15:30:31 5-MIN KCNO 032330Z 21008KT 7SM FEW017 SCT030
OVC046 14/11 A2989 680 83 700 200/08 RMK AO2 T01390111

03179KCNO CNO20190203153511802/03/19 15:35:31 5-MIN KCNO 032335Z 23009KT 7SM FEW017 SCT030
OVC046 14/11 A2989 680 83 700 220/09 RMK AO2 T01390111

03179KCNO CNO20190203154011802/03/19 15:40:31 5-MIN KCNO 032340Z 23008KT 7SM FEW017 SCT030
OVC046 14/11 A2989 680 83 700 220/08 RMK AO2 T01390111

03179KCNO CNO20190203154511802/03/19 15:45:31 5-MIN KCNO 032345Z 23007KT 7SM FEW017 SCT030
OVC046 14/11 A2989 680 83 700 210/07 RMK AO2 T01390111

03179KCNO CNO20190203155014902/03/19 15:50:31 5-MIN KCNO 032350Z 23007KT 7SM FEW017 SCT030
OVC046 14/11 A2989 680 83 700 220/07 RMK AO2 SLP121 60013 T01390111 10139 20122 58013

03179KCNO CNO20190203155512102/03/19 15:55:31 5-MIN KCNO 032355Z 21005KT 6SM HZ SCT019 BKN030
OVC040 14/11 A2989 680 83 700 200/05 RMK AO2 T01390111

1-Minute Obs

03179KCNO CNO2019020311451945	0.377 D	212	1	121	1
03179KCNO CNO2019020311461946	0.356 D	170	1	171	1
03179KCNO CNO2019020311471947	0.349 D	178	1	191	1
03179KCNO CNO2019020311481948	0.351 D	166	1	163	2
03179KCNO CNO2019020311491949	0.397 D	164	1	157	2
03179KCNO CNO2019020311501950	0.418 D	181	1	181	2
03179KCNO CNO2019020311511951	0.446 D	193	2	195	3
03179KCNO CNO2019020311521952	0.475 D	186	2	179	3
03179KCNO CNO2019020311531953	0.500 D	173	2	163	3
03179KCNO CNO2019020311541954	0.465 D	133	1	142	2
03179KCNO CNO2019020311551955	0.456 D	55	1	15	2
03179KCNO CNO2019020311561956	0.428 D	2	1	356	2
03179KCNO CNO2019020311571957	0.387 D	357	2	3	2
03179KCNO CNO2019020311581958	0.359 D	10	2	15	2
03179KCNO CNO2019020311591959	0.358 D	15	2	31	2
03179KCNO CNO2019020312002000	0.359 D	354	1	8	2
03179KCNO CNO2019020312012001	0.342 D	309	1	274	1
03179KCNO CNO2019020312022002	0.338 D	257	1	182	1
03179KCNO CNO2019020312032003	0.321 D	205	1	190	2
03179KCNO CNO2019020312042004	0.312 D	180	1	205	2
03179KCNO CNO2019020312052005	0.318 D	175	1	184	2
03179KCNO CNO2019020312062006	0.327 D	147	1	121	3
03179KCNO CNO2019020312072007	0.340 D	127	1	95	2
03179KCNO CNO2019020312082008	0.375 D	135	1	118	3
03179KCNO CNO2019020312092009	0.420 D	135	2	115	3
03179KCNO CNO2019020312102010	0.495 D	117	2	112	3
03179KCNO CNO2019020312112011	0.576 D	112	2	116	3
03179KCNO CNO2019020312122012	0.839 D	123	2	136	3
03179KCNO CNO2019020312132013	1.070 D	109	1	67	1
03179KCNO CNO2019020312142014	1.485 D	88	1	100	1
03179KCNO CNO2019020312152015	2.645 D	129	0	89	1
03179KCNO CNO2019020312162016	2.816 D	194	1	213	1
03179KCNO CNO2019020312172017	2.879 D	215	2	223	4
03179KCNO CNO2019020312182018	3.245 D	221	3	237	7
03179KCNO CNO2019020312192019	3.480 D	230	6	220	9
03179KCNO CNO2019020312202020	2.811 D	236	8	250	10
03179KCNO CNO2019020312212021	2.381 D	231	8	219	10
03179KCNO CNO2019020312222022	2.071 D	217	9	214	11
03179KCNO CNO2019020312232023	1.512 D	216	8	214	10
03179KCNO CNO2019020312242024	1.345 D	218	8	227	10
03179KCNO CNO2019020312252025	1.253 D	215	8	217	11
03179KCNO CNO2019020312262026	1.183 D	211	9	211	10
03179KCNO CNO2019020312272027	1.024 D	212	9	210	10
03179KCNO CNO2019020312282028	0.904 D	210	8	204	10
03179KCNO CNO2019020312292029	0.804 D	206	7	208	9
03179KCNO CNO2019020312302030	0.723 D	208	8	216	10
03179KCNO CNO2019020312312031	0.834 D	215	8	219	10
03179KCNO CNO2019020312322032	0.931 D	221	8	229	10

03179KCNO CNO2019020312332033	1.036 D	227	9	227	11
03179KCNO CNO2019020312342034	1.133 D	235	9	243	10
03179KCNO CNO2019020312352035	1.047 D	236	9	230	10
03179KCNO CNO2019020312362036	0.990 D	229	9	219	10
03179KCNO CNO2019020312372037	1.264 D	225	9	221	9
03179KCNO CNO2019020312382038	1.445 D	225	8	226	10
03179KCNO CNO2019020312392039	1.707 D	223	8	220	10
03179KCNO CNO2019020312402040	2.488 D	224	7	219	9
03179KCNO CNO2019020312412041	2.929 D	234	7	239	7
03179KCNO CNO2019020312422042	1.958 D	243	7	244	9
03179KCNO CNO2019020312432043	1.566 D	240	7	238	8
03179KCNO CNO2019020312442044	1.361 D	234	7	237	8
03179KCNO CNO2019020312452045	1.468 D	231	6	222	8
03179KCNO CNO2019020312462046	1.284 D	224	6	212	8
03179KCNO CNO2019020312472047	1.277 D	224	6	232	8
03179KCNO CNO2019020312482048	1.002 D	228	7	228	8
03179KCNO CNO2019020312492049	0.757 D	228	7	232	8
03179KCNO CNO2019020312502050	0.914 D	232	8	233	9
03179KCNO CNO2019020312512051	1.069 D	228	8	234	9
03179KCNO CNO2019020312522052	1.041 D	219	6	214	7
03179KCNO CNO2019020312532053	0.792 D	216	6	218	10
03179KCNO CNO2019020312542054	0.664 D	216	7	237	8
03179KCNO CNO2019020312552055	0.743 D	228	7	248	9
03179KCNO CNO2019020312562056	0.828 D	241	8	239	10
03179KCNO CNO2019020312572057	0.917 D	240	7	239	8
03179KCNO CNO2019020312582058	1.057 D	236	6	234	7
03179KCNO CNO2019020312592059	1.195 D	234	6	231	7
03179KCNO CNO2019020313002100	1.271 D	229	6	217	7
03179KCNO CNO2019020313012101	1.454 D	220	6	213	8
03179KCNO CNO2019020313022102	1.906 D	219	6	224	9
03179KCNO CNO2019020313032103	1.852 D	225	7	222	8
03179KCNO CNO2019020313042104	1.393 D	223	7	217	7
03179KCNO CNO2019020313052105	1.122 D	219	6	211	6
03179KCNO CNO2019020313062106	1.319 D	215	6	218	7
03179KCNO CNO2019020313072107	1.058 D	211	6	213	8
03179KCNO CNO2019020313082108	0.897 D	209	6	212	7
03179KCNO CNO2019020313092109	0.703 D	217	6	217	6
03179KCNO CNO2019020313102110	0.573 D	223	5	219	5
03179KCNO CNO2019020313112111	0.488 D	225	5	231	6
03179KCNO CNO2019020313122112	0.391 D	227	5	230	6
03179KCNO CNO2019020313132113	0.349 D	218	5	197	6
03179KCNO CNO2019020313142114	0.288 D	208	5	216	7
03179KCNO CNO2019020313152115	0.248 D	212	6	218	7
03179KCNO CNO2019020313162116	0.229 D	219	6	229	8
03179KCNO CNO2019020313172117	0.230 D	213	6	210	7
03179KCNO CNO2019020313182118	0.222 D	207	5	204	6
03179KCNO CNO2019020313192119	0.233 D	206	4	210	4
03179KCNO CNO2019020313202120	0.234 D	197	3	179	5
03179KCNO CNO2019020313212121	0.230 D	194	5	194	8
03179KCNO CNO2019020313222122	0.229 D	204	6	213	7
03179KCNO CNO2019020313232123	0.230 D	207	6	209	7
03179KCNO CNO2019020313242124	0.228 D	206	6	206	7
03179KCNO CNO2019020313252125	0.231 D	209	6	202	7

03179KCNO CNO2019020313262126	0.234 D	209	4	207	5
03179KCNO CNO2019020313272127	0.231 D	204	4	211	5
03179KCNO CNO2019020313282128	0.237 D	202	5	194	6
03179KCNO CNO2019020313292129	0.237 D	205	5	193	7
03179KCNO CNO2019020313302130	0.236 D	209	6	220	7
03179KCNO CNO2019020313312131	0.239 D	212	6	223	7
03179KCNO CNO2019020313322132	0.238 D	213	6	225	7
03179KCNO CNO2019020313332133	0.238 D	212	5	203	6
03179KCNO CNO2019020313342134	0.237 D	211	4	219	5
03179KCNO CNO2019020313352135	0.239 D	213	4	211	4
03179KCNO CNO2019020313362136	0.243 D	214	4	214	8
03179KCNO CNO2019020313372137	0.242 D	215	5	214	7
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03179KCNO CNO2019020313392139	0.303 D	225	4	249	6
03179KCNO CNO2019020313402140	0.378 D	234	6	248	8
03179KCNO CNO2019020313412141	0.385 D	233	7	230	9
03179KCNO CNO2019020313422142	0.370 D	226	8	231	12
03179KCNO CNO2019020313432143	0.382 D	226	9	226	10
03179KCNO CNO2019020313442144	0.371 D	224	8	224	9
03179KCNO CNO2019020313452145	0.352 D	227	9	231	11
03179KCNO CNO2019020313462146	0.366 D	230	9	231	11
03179KCNO CNO2019020313472147	0.357 D	227	7	223	9
03179KCNO CNO2019020313482148	0.369 D	223	7	219	9
03179KCNO CNO2019020313492149	0.360 D	224	8	224	9
03179KCNO CNO2019020313502150	0.372 D	229	8	238	9
03179KCNO CNO2019020313512151	0.391 D	228	8	223	10
03179KCNO CNO2019020313522152	0.447 D	228	9	233	10
03179KCNO CNO2019020313532153	0.539 D	231	8	231	10
03179KCNO CNO2019020313542154	0.601 D	229	9	232	11
03179KCNO CNO2019020313552155	0.782 D	225	9	223	11
03179KCNO CNO2019020313562156	0.808 D	223	9	231	10
03179KCNO CNO2019020313572157	0.711 D	227	9	240	11
03179KCNO CNO2019020313582158	0.674 D	233	9	236	11
03179KCNO CNO2019020313592159	0.629 D	234	9	236	10
03179KCNO CNO2019020314002200	0.600 D	232	8	235	9
03179KCNO CNO2019020314012201	0.617 D	233	8	239	11
03179KCNO CNO2019020314022202	0.607 D	233	9	242	11
03179KCNO CNO2019020314032203	0.605 D	232	10	234	12
03179KCNO CNO2019020314042204	0.683 D	233	10	235	12
03179KCNO CNO2019020314052205	0.954 D	230	10	228	12
03179KCNO CNO2019020314062206	1.189 D	230	10	231	11
03179KCNO CNO2019020314072207	1.281 D	235	9	234	11
03179KCNO CNO2019020314082208	1.704 D	233	9	236	10
03179KCNO CNO2019020314092209	2.078 D	226	9	225	10
03179KCNO CNO2019020314102210	1.778 D	231	10	243	14
03179KCNO CNO2019020314112211	1.172 D	235	11	221	13
03179KCNO CNO2019020314122212	1.096 D	228	12	224	15
03179KCNO CNO2019020314132213	1.234 D	226	13	226	16
03179KCNO CNO2019020314142214	1.316 D	229	13	226	16
03179KCNO CNO2019020314152215	1.343 D	233	13	236	13
03179KCNO CNO2019020314162216	1.309 D	233	10	237	11
03179KCNO CNO2019020314172217	1.139 D	231	10	229	12
03179KCNO CNO2019020314182218	1.070 D	229	11	232	12

03179KCNO CNO2019020314192219	1.053 D	227	10	226	11
03179KCNO CNO2019020314202220	0.999 D	232	9	230	12
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03179KCNO CNO2019020314222222	0.863 D	230	9	217	10
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03179KCNO CNO2019020314252225	0.553 D	238	8	229	8
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03179KCNO CNO2019020314282228	0.511 D	235	6	232	9
03179KCNO CNO2019020314292229	0.410 D	240	6	239	7
03179KCNO CNO2019020314302230	0.320 D	243	5	238	7
03179KCNO CNO2019020314312231	0.288 D	240	5	243	6
03179KCNO CNO2019020314322232	0.306 D	238	5	238	6
03179KCNO CNO2019020314332233	0.296 D	233	4	241	5
03179KCNO CNO2019020314342234	0.324 D	229	4	251	6
03179KCNO CNO2019020314352235	0.357 D	231	5	238	6
03179KCNO CNO2019020314362236	0.387 D	232	5	226	6
03179KCNO CNO2019020314372237	0.394 D	227	5	235	7
03179KCNO CNO2019020314382238	0.327 D	223	5	230	6
03179KCNO CNO2019020314392239	0.283 D	222	5	222	6
03179KCNO CNO2019020314402240	0.270 D	223	5	234	6
03179KCNO CNO2019020314412241	0.276 D	227	5	224	5
03179KCNO CNO2019020314422242	0.279 D	224	5	215	5
03179KCNO CNO2019020314432243	0.268 D	222	4	223	6
03179KCNO CNO2019020314442244	0.259 D	222	4	228	5
03179KCNO CNO2019020314452245	0.256 D	222	4	216	6
03179KCNO CNO2019020314462246	0.257 D	217	4	213	6
03179KCNO CNO2019020314472247	0.257 D	210	4	213	6
03179KCNO CNO2019020314482248	0.253 D	201	4	208	5
03179KCNO CNO2019020314492249	0.251 D	195	4	209	4
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03179KCNO CNO2019020314512251	0.259 D	209	4	224	5
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03179KCNO CNO2019020314532253	0.263 D	194	4	184	6
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03179KCNO CNO2019020314572257	0.264 D	191	4	201	6
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03179KCNO CNO2019020314592259	0.265 D	190	7	202	8
03179KCNO CNO2019020315002300	0.266 D	193	7	193	9
03179KCNO CNO2019020315012301	0.265 D	206	7	202	9
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03179KCNO CNO2019020315052305	0.257 D	214	6	211	6
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03179KCNO CNO2019020315092309	0.254 D	216	7	208	9
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03179KCNO CNO2019020315112311	0.251 D	211	8	214	9

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03179KCNO CNO2019020315132313	0.248	D	209	9	202	13
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03179KCNO CNO2019020315152315	0.248	D	205	10	204	11
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03179KCNO CNO2019020315182318	0.252	D	214	7	202	8
03179KCNO CNO2019020315192319	0.252	D	212	5	197	7
03179KCNO CNO2019020315202320	0.251	D	206	6	202	10
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03179KCNO CNO2019020315242324	0.249	D	213	7	216	8
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03179KCNO CNO2019020315302330	0.251	D	212	8	209	11
03179KCNO CNO2019020315312331	0.255	D	213	8	215	10
03179KCNO CNO2019020315322332	0.256	D	222	9	230	11
03179KCNO CNO2019020315332333	0.257	D	227	9	225	9
03179KCNO CNO2019020315342334	0.255	D	230	9	239	11
03179KCNO CNO2019020315352335	0.253	D	232	9	230	10
03179KCNO CNO2019020315362336	0.253	D	228	9	228	11
03179KCNO CNO2019020315372337	0.256	D	223	8	222	9
03179KCNO CNO2019020315382338	0.252	D	225	7	234	9
03179KCNO CNO2019020315392339	0.253	D	228	8	226	10
03179KCNO CNO2019020315402340	0.253	D	228	8	224	9
03179KCNO CNO2019020315412341	0.255	D	228	8	230	9
03179KCNO CNO2019020315422342	0.257	D	230	8	234	9
03179KCNO CNO2019020315432343	0.278	D	232	7	234	8
03179KCNO CNO2019020315442344	0.279	D	230	7	219	9
03179KCNO CNO2019020315452345	0.270	D	227	7	231	10
03179KCNO CNO2019020315462346	0.264	D	228	8	232	9
03179KCNO CNO2019020315472347	0.264	D	231	8	231	9
03179KCNO CNO2019020315482348	0.261	D	231	8	227	9
03179KCNO CNO2019020315492349	0.270	D	231	8	235	9
03179KCNO CNO2019020315502350	0.276	D	230	7	233	9
03179KCNO CNO2019020315512351	0.316	D	228	7	225	10
03179KCNO CNO2019020315522352	0.359	D	229	7	227	8
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03179KCNO CNO2019020315542354	0.291	D	219	6	230	7
03179KCNO CNO2019020315552355	0.287	D	210	5	195	5
03179KCNO CNO2019020315562356	0.296	D	200	5	194	7
03179KCNO CNO2019020315572357	0.284	D	200	7	200	9
03179KCNO CNO2019020315582358	0.285	D	203	8	206	9
03179KCNO CNO2019020315592359	0.277	D	206	7	208	9
03179KCNO CNO2019020311451945	NP	0000	0.00	29.208	29.206	29.216 56 52
03179KCNO CNO2019020311461946	NP	0000	0.00	29.208	29.206	29.216 56 52
03179KCNO CNO2019020311471947	NP	0000	0.00	29.208	29.206	29.216 56 52
03179KCNO CNO2019020311481948	NP	0000	0.00	29.207	29.206	29.216 56 52

03179KCNO CNO2019020311491949	NP	0000	0.00	29.207	29.205	29.215	56	52
03179KCNO CNO2019020311501950	?2	0000	0.00	29.207	29.205	29.215	57	52
03179KCNO CNO2019020311511951	?3	0000	0.00	29.206	29.204	29.214	57	52
03179KCNO CNO2019020311521952	?2	0000	0.00	29.206	29.204	29.214	56	52
03179KCNO CNO2019020311531953	?2	0000	0.00	29.205	29.203	29.213	57	52
03179KCNO CNO2019020311541954	?2	0000	0.00	29.204	29.203	29.212	56	52
03179KCNO CNO2019020311551955	?2	0000	0.00	29.204	29.202	29.212	57	52
03179KCNO CNO2019020311561956	?2	0000	0.00	29.203	29.201	29.211	57	52
03179KCNO CNO2019020311571957	?1	0000	0.00	29.202	29.200	29.210	57	52
03179KCNO CNO2019020311581958	?1	0000	0.00	29.201	29.200	29.210	57	52
03179KCNO CNO2019020311591959	?1	0000	0.00	29.201	29.199	29.209	57	52
03179KCNO CNO2019020312002000	NP	0000	0.00	29.200	29.198	29.208	57	52
03179KCNO CNO2019020312012001	NP	0000	0.00	29.199	29.198	29.207	57	52
03179KCNO CNO2019020312022002	NP	0000	0.00	29.199	29.197	29.207	57	52
03179KCNO CNO2019020312032003	NP	0000	0.00	29.199	29.197	29.207	57	52
03179KCNO CNO2019020312042004	NP	0000	0.00	29.198	29.197	29.206	57	52
03179KCNO CNO2019020312052005	NP	0000	0.00	29.198	29.196	29.206	57	52
03179KCNO CNO2019020312062006	?1	0000	0.00	29.198	29.196	29.206	57	53
03179KCNO CNO2019020312072007	?1	0000	0.00	29.198	29.196	29.206	57	52
03179KCNO CNO2019020312082008	?1	0000	0.00	29.197	29.195	29.205	57	53
03179KCNO CNO2019020312092009	?3	0000	0.00	29.197	29.195	29.204	57	53
03179KCNO CNO2019020312102010	?3	0000	0.00	29.196	29.194	29.204	57	52
03179KCNO CNO2019020312112011	P	0000	0.00	29.195	29.193	29.203	57	52
03179KCNO CNO2019020312122012	R-	0000	0.00	29.195	29.193	29.203	56	52
03179KCNO CNO2019020312132013	R-	0000	0.00	29.195	29.193	29.203	57	52
03179KCNO CNO2019020312142014	R-	0000	0.00	29.196	29.194	29.204	57	52
03179KCNO CNO2019020312152015	R-	0000	0.01	29.198	29.196	29.206	57	52
03179KCNO CNO2019020312162016	R+	0000	0.01	29.199	29.197	29.207	56	52
03179KCNO CNO2019020312172017	R+	0000	0.00	29.199	29.197	29.207	56	52
03179KCNO CNO2019020312182018	R+	0000	0.01	29.199	29.197	29.207	56	52
03179KCNO CNO2019020312192019	R+	0000	0.01	29.197	29.196	29.205	56	51
03179KCNO CNO2019020312202020	R+	0000	0.01	29.197	29.195	29.205	56	51
03179KCNO CNO2019020312212021	R+	0000	0.00	29.195	29.194	29.203	56	51
03179KCNO CNO2019020312222022	R+	0000	0.00	29.196	29.194	29.204	56	51
03179KCNO CNO2019020312232023	R	0000	0.00	29.195	29.194	29.203	56	52
03179KCNO CNO2019020312242024	R	0000	0.01	29.195	29.193	29.203	56	52
03179KCNO CNO2019020312252025	M	0000	0.00	29.195	29.193	29.203	56	52
03179KCNO CNO2019020312262026	R-	0000	0.00	29.194	29.192	29.202	56	52
03179KCNO CNO2019020312272027	R-	0000	0.00	29.193	29.191	29.201	56	52
03179KCNO CNO2019020312282028	R-	0000	0.00	29.193	29.191	29.201	56	52
03179KCNO CNO2019020312292029	R-	0000	0.00	29.193	29.191	29.201	56	53
03179KCNO CNO2019020312302030	R-	0000	0.00	29.192	29.191	29.200	56	53
03179KCNO CNO2019020312312031	P	0000	0.00	29.192	29.191	29.201	56	53
03179KCNO CNO2019020312322032	R-	0000	0.00	29.192	29.191	29.201	56	53
03179KCNO CNO2019020312332033	R-	0000	0.00	29.193	29.191	29.201	55	53
03179KCNO CNO2019020312342034	P	0000	0.00	29.192	29.191	29.200	56	53
03179KCNO CNO2019020312352035	R-	0000	0.00	29.192	29.191	29.200	56	53
03179KCNO CNO2019020312362036	R-	0000	0.00	29.192	29.191	29.200	55	53
03179KCNO CNO2019020312372037	P	0000	0.01	29.192	29.190	29.200	55	53
03179KCNO CNO2019020312382038	R-	0000	0.00	29.192	29.190	29.200	56	53
03179KCNO CNO2019020312392039	R-	0000	0.00	29.191	29.189	29.199	55	53
03179KCNO CNO2019020312402040	R-	0000	0.00	29.191	29.189	29.199	56	53
03179KCNO CNO2019020312412041	R	0000	0.01	29.190	29.188	29.198	55	53

03179KCNO CNO2019020312422042	R	0000	0.00	29.190	29.188	29.198	55	53
03179KCNO CNO2019020312432043	R	0000	0.00	29.190	29.188	29.198	55	53
03179KCNO CNO2019020312442044	R-	0000	0.00	29.189	29.188	29.197	55	53
03179KCNO CNO2019020312452045	P	0000	0.00	29.188	29.187	29.197	55	53
03179KCNO CNO2019020312462046	R-	0000	0.00	29.188	29.186	29.196	55	53
03179KCNO CNO2019020312472047	P	0000	0.01	29.187	29.185	29.195	55	53
03179KCNO CNO2019020312482048	P	0000	0.00	29.187	29.185	29.195	56	54
03179KCNO CNO2019020312492049	P	0000	0.00	29.186	29.184	29.194	56	54
03179KCNO CNO2019020312502050	P	0000	0.00	29.185	29.184	29.193	55	53
03179KCNO CNO2019020312512051	?2	0000	0.00	29.185	29.183	29.193	56	53
03179KCNO CNO2019020312522052	P	0000	0.00	29.185	29.183	29.193	55	54
03179KCNO CNO2019020312532053	P	0000	0.00	29.185	29.183	29.193	56	54
03179KCNO CNO2019020312542054	P	0000	0.00	29.185	29.184	29.193	55	53
03179KCNO CNO2019020312552055	?2	0000	0.00	29.185	29.184	29.193	56	54
03179KCNO CNO2019020312562056	?1	0000	0.00	29.185	29.183	29.193	55	53
03179KCNO CNO2019020312572057	P	0000	0.00	29.185	29.183	29.193	55	53
03179KCNO CNO2019020312582058	P	0000	0.00	29.184	29.183	29.193	55	53
03179KCNO CNO2019020312592059	P	0000	0.00	29.184	29.182	29.192	55	53
03179KCNO CNO2019020313002100	P	0000	0.00	29.183	29.181	29.191	55	53
03179KCNO CNO2019020313012101	P	0000	0.00	29.183	29.181	29.191	56	53
03179KCNO CNO2019020313022102	P	0000	0.00	29.182	29.180	29.190	55	54
03179KCNO CNO2019020313032103	R-	0000	0.00	29.181	29.180	29.189	55	53
03179KCNO CNO2019020313042104	R-	0000	0.00	29.181	29.179	29.189	55	53
03179KCNO CNO2019020313052105	R-	0000	0.01	29.180	29.179	29.188	56	54
03179KCNO CNO2019020313062106	P	0000	0.00	29.180	29.178	29.188	56	54
03179KCNO CNO2019020313072107	R-	0000	0.00	29.180	29.178	29.188	55	54
03179KCNO CNO2019020313082108	P	0000	0.00	29.179	29.177	29.187	56	54
03179KCNO CNO2019020313092109	?3	0000	0.00	29.178	29.177	29.186	55	54
03179KCNO CNO2019020313102110	P	0000	0.00	29.178	29.176	29.186	56	54
03179KCNO CNO2019020313112111	?1	0000	0.00	29.178	29.176	29.186	56	55
03179KCNO CNO2019020313122112	NP	0000	0.00	29.177	29.175	29.185	56	55
03179KCNO CNO2019020313132113	NP	0000	0.00	29.177	29.175	29.185	57	55
03179KCNO CNO2019020313142114	NP	0000	0.00	29.176	29.174	29.184	56	55
03179KCNO CNO2019020313152115	NP	0000	0.00	29.175	29.173	29.183	56	55
03179KCNO CNO2019020313162116	NP	0000	0.00	29.175	29.173	29.183	56	55
03179KCNO CNO2019020313172117	NP	0000	0.00	29.174	29.172	29.182	57	55
03179KCNO CNO2019020313182118	NP	0000	0.00	29.173	29.171	29.181	56	55
03179KCNO CNO2019020313192119	NP	0000	0.00	29.173	29.171	29.181	57	55
03179KCNO CNO2019020313202120	NP	0000	0.00	29.173	29.171	29.181	56	55
03179KCNO CNO2019020313212121	NP	0000	0.00	29.172	29.171	29.180	57	55
03179KCNO CNO2019020313222122	NP	0000	0.00	29.172	29.170	29.180	57	55
03179KCNO CNO2019020313232123	NP	0000	0.00	29.171	29.169	29.179	56	55
03179KCNO CNO2019020313242124	NP	0000	0.00	29.170	29.168	29.178	56	54
03179KCNO CNO2019020313252125	NP	0000	0.00	29.169	29.167	29.177	56	54
03179KCNO CNO2019020313262126	NP	0000	0.00	29.169	29.167	29.177	56	54
03179KCNO CNO2019020313272127	NP	0000	0.00	29.169	29.167	29.177	57	55
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03179KCNO CNO2019020313302130	NP	0000	0.00	29.169	29.167	29.177	57	55
03179KCNO CNO2019020313312131	NP	0000	0.00	29.169	29.167	29.177	57	54
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03179KCNO CNO2019020313332133	NP	0000	0.00	29.168	29.167	29.176	57	54
03179KCNO CNO2019020313342134	NP	0000	0.00	29.168	29.166	29.176	57	54

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03179KCNO CNO2019020313362136	NP	0000	0.00	29.168	29.166	29.176	57	55
03179KCNO CNO2019020313372137	NP	0000	0.00	29.168	29.166	29.176	57	54
03179KCNO CNO2019020313382138	NP	0000	0.00	29.168	29.166	29.176	57	54
03179KCNO CNO2019020313392139	?1	0000	0.00	29.167	29.166	29.175	57	54
03179KCNO CNO2019020313402140	P	0000	0.00	29.167	29.165	29.175	57	54
03179KCNO CNO2019020313412141	P	0000	0.00	29.166	29.164	29.174	58	54
03179KCNO CNO2019020313422142	R-	0000	0.00	29.165	29.164	29.173	58	54
03179KCNO CNO2019020313432143	R-	0000	0.00	29.165	29.164	29.173	57	53
03179KCNO CNO2019020313442144	R-	0000	0.00	29.165	29.164	29.174	57	53
03179KCNO CNO2019020313452145	R-	0000	0.00	29.165	29.163	29.173	57	53
03179KCNO CNO2019020313462146	P	0000	0.00	29.165	29.163	29.173	57	53
03179KCNO CNO2019020313472147	R-	0000	0.00	29.165	29.163	29.173	57	53
03179KCNO CNO2019020313482148	M	0000	0.00	29.165	29.164	29.174	57	53
03179KCNO CNO2019020313492149	P	0000	0.00	29.165	29.163	29.173	57	53
03179KCNO CNO2019020313502150	P	0000	0.00	29.165	29.163	29.173	57	53
03179KCNO CNO2019020313512151	P	0000	0.00	29.165	29.163	29.173	57	53
03179KCNO CNO2019020313522152	P	0000	0.00	29.165	29.163	29.173	57	53
03179KCNO CNO2019020313532153	R-	0000	0.00	29.164	29.163	29.172	57	53
03179KCNO CNO2019020313542154	R-	0000	0.00	29.164	29.163	29.172	57	53
03179KCNO CNO2019020313552155	R-	0000	0.00	29.164	29.163	29.172	57	53
03179KCNO CNO2019020313562156	R-	0000	0.00	29.164	29.163	29.172	56	53
03179KCNO CNO2019020313572157	R-	0000	0.00	29.165	29.163	29.173	56	52
03179KCNO CNO2019020313582158	R-	0000	0.00	29.165	29.163	29.173	56	53
03179KCNO CNO2019020313592159	P	0000	0.00	29.165	29.163	29.173	56	52
03179KCNO CNO2019020314002200	R-	0000	0.00	29.165	29.163	29.173	57	53
03179KCNO CNO2019020314012201	R-	0000	0.00	29.165	29.164	29.173	57	53
03179KCNO CNO2019020314022202	R-	0000	0.00	29.165	29.164	29.173	56	53
03179KCNO CNO2019020314032203	P	0000	0.00	29.165	29.164	29.174	56	52
03179KCNO CNO2019020314042204	R-	0000	0.00	29.166	29.164	29.174	56	52
03179KCNO CNO2019020314052205	R-	0000	0.01	29.165	29.163	29.173	56	52
03179KCNO CNO2019020314062206	R-	0000	0.00	29.165	29.163	29.173	56	52
03179KCNO CNO2019020314072207	R-	0000	0.00	29.165	29.163	29.173	56	52
03179KCNO CNO2019020314082208	R-	0000	0.00	29.165	29.163	29.173	56	53
03179KCNO CNO2019020314092209	R	0000	0.00	29.165	29.163	29.173	56	53
03179KCNO CNO2019020314102210	R	0000	0.01	29.165	29.164	29.174	56	53
03179KCNO CNO2019020314112211	R	0000	0.00	29.166	29.164	29.174	55	52
03179KCNO CNO2019020314122212	R	0000	0.00	29.166	29.164	29.174	55	52
03179KCNO CNO2019020314132213	R-	0000	0.00	29.165	29.163	29.173	55	52
03179KCNO CNO2019020314142214	R-	0000	0.00	29.164	29.163	29.172	55	52
03179KCNO CNO2019020314152215	R-	0000	0.00	29.165	29.163	29.173	55	52
03179KCNO CNO2019020314162216	R-	0000	0.01	29.165	29.163	29.173	55	52
03179KCNO CNO2019020314172217	R-	0000	0.00	29.166	29.165	29.174	55	52
03179KCNO CNO2019020314182218	R-	0000	0.00	29.167	29.165	29.175	55	52
03179KCNO CNO2019020314192219	R-	0000	0.00	29.167	29.166	29.175	55	52
03179KCNO CNO2019020314202220	P	0000	0.00	29.167	29.166	29.175	55	52
03179KCNO CNO2019020314212221	R-	0000	0.00	29.167	29.166	29.176	55	52
03179KCNO CNO2019020314222222	R-	0000	0.00	29.168	29.166	29.176	55	52
03179KCNO CNO2019020314232223	R-	0000	0.00	29.167	29.165	29.175	55	52
03179KCNO CNO2019020314242224	R-	0000	0.00	29.166	29.165	29.174	55	53
03179KCNO CNO2019020314252225	P	0000	0.00	29.166	29.165	29.174	54	52
03179KCNO CNO2019020314262226	P	0000	0.00	29.166	29.164	29.174	55	52
03179KCNO CNO2019020314272227	R-	0000	0.00	29.166	29.164	29.174	55	52

03179KCNO CNO2019020314282228	P	0000	0.00	29.166	29.164	29.174	54	52
03179KCNO CNO2019020314292229	R-	0000	0.00	29.166	29.164	29.174	55	52
03179KCNO CNO2019020314302230	R-	0000	0.00	29.166	29.164	29.174	55	52
03179KCNO CNO2019020314312231	P	0000	0.00	29.165	29.164	29.174	55	52
03179KCNO CNO2019020314322232	?1	0000	0.00	29.166	29.164	29.174	55	52
03179KCNO CNO2019020314332233	NP	0000	0.00	29.166	29.164	29.174	55	53
03179KCNO CNO2019020314342234	NP	0000	0.00	29.166	29.164	29.174	55	53
03179KCNO CNO2019020314352235	NP	0000	0.00	29.166	29.164	29.174	55	53
03179KCNO CNO2019020314362236	NP	0000	0.00	29.166	29.164	29.174	55	53
03179KCNO CNO2019020314372237	NP	0000	0.00	29.166	29.165	29.174	55	52
03179KCNO CNO2019020314382238	?2	0000	0.00	29.166	29.165	29.174	55	53
03179KCNO CNO2019020314392239	?2	0000	0.00	29.166	29.165	29.175	55	53
03179KCNO CNO2019020314402240	?2	0000	0.00	29.167	29.165	29.175	55	53
03179KCNO CNO2019020314412241	NP	0000	0.00	29.167	29.165	29.175	55	53
03179KCNO CNO2019020314422242	NP	0000	0.00	29.167	29.165	29.175	55	53
03179KCNO CNO2019020314432243	M	0000	0.00	29.166	29.165	29.175	55	53
03179KCNO CNO2019020314442244	NP	0000	0.00	29.166	29.164	29.174	55	53
03179KCNO CNO2019020314452245	NP	0000	0.00	29.166	29.165	29.174	55	53
03179KCNO CNO2019020314462246	NP	0000	0.00	29.167	29.165	29.175	55	53
03179KCNO CNO2019020314472247	NP	0000	0.00	29.167	29.165	29.175	56	53
03179KCNO CNO2019020314482248	NP	0000	0.00	29.167	29.165	29.175	56	54
03179KCNO CNO2019020314492249	NP	0000	0.00	29.166	29.164	29.174	56	53
03179KCNO CNO2019020314502250	NP	0000	0.00	29.166	29.164	29.174	56	54
03179KCNO CNO2019020314512251	NP	0000	0.00	29.165	29.164	29.174	56	54
03179KCNO CNO2019020314522252	NP	0000	0.00	29.166	29.164	29.174	56	54
03179KCNO CNO2019020314532253	NP	0000	0.00	29.165	29.163	29.173	56	54
03179KCNO CNO2019020314542254	NP	0000	0.00	29.165	29.163	29.173	56	54
03179KCNO CNO2019020314552255	NP	0000	0.00	29.165	29.163	29.173	56	53
03179KCNO CNO2019020314562256	NP	0000	0.00	29.165	29.163	29.173	56	53
03179KCNO CNO2019020314572257	NP	0000	0.00	29.164	29.162	29.172	56	53
03179KCNO CNO2019020314582258	NP	0000	0.00	29.164	29.163	29.172	56	53
03179KCNO CNO2019020314592259	NP	0000	0.00	29.164	29.163	29.172	56	53
03179KCNO CNO2019020315002300	NP	0000	0.00	29.164	29.162	29.172	56	52
03179KCNO CNO2019020315012301	NP	0000	0.00	29.163	29.162	29.172	56	52
03179KCNO CNO2019020315022302	NP	0000	0.00	29.163	29.162	29.172	56	52
03179KCNO CNO2019020315032303	NP	0000	0.00	29.163	29.162	29.172	56	52
03179KCNO CNO2019020315042304	NP	0000	0.00	29.164	29.162	29.172	56	52
03179KCNO CNO2019020315052305	NP	0000	0.00	29.164	29.162	29.172	57	52
03179KCNO CNO2019020315062306	NP	0000	0.00	29.164	29.162	29.172	57	52
03179KCNO CNO2019020315072307	NP	0000	0.00	29.163	29.162	29.171	57	53
03179KCNO CNO2019020315082308	NP	0000	0.00	29.164	29.162	29.172	57	52
03179KCNO CNO2019020315092309	NP	0000	0.00	29.164	29.162	29.172	57	52
03179KCNO CNO2019020315102310	NP	0000	0.00	29.164	29.162	29.172	57	52
03179KCNO CNO2019020315112311	NP	0000	0.00	29.163	29.162	29.171	57	52
03179KCNO CNO2019020315122312	NP	0000	0.00	29.163	29.161	29.171	57	52
03179KCNO CNO2019020315132313	NP	0000	0.00	29.163	29.161	29.171	57	52
03179KCNO CNO2019020315142314	NP	0000	0.00	29.162	29.161	29.170	57	52
03179KCNO CNO2019020315152315	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315162316	NP	0000	0.00	29.162	29.161	29.170	57	52
03179KCNO CNO2019020315172317	NP	0000	0.00	29.163	29.161	29.171	57	52
03179KCNO CNO2019020315182318	NP	0000	0.00	29.163	29.161	29.171	57	52
03179KCNO CNO2019020315192319	NP	0000	0.00	29.163	29.161	29.171	57	52
03179KCNO CNO2019020315202320	NP	0000	0.00	29.163	29.161	29.171	57	52

03179KCNO CNO2019020315212321	NP	0000	0.00	29.162	29.160	29.170	57	52
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03179KCNO CNO2019020315232323	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315242324	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315252325	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315262326	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315272327	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315282328	NP	0000	0.00	29.162	29.161	29.170	57	52
03179KCNO CNO2019020315292329	NP	0000	0.00	29.162	29.161	29.171	57	52
03179KCNO CNO2019020315302330	NP	0000	0.00	29.163	29.161	29.171	57	52
03179KCNO CNO2019020315312331	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315322332	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315332333	NP	0000	0.00	29.162	29.161	29.171	57	52
03179KCNO CNO2019020315342334	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315352335	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315362336	NP	0000	0.00	29.162	29.161	29.170	57	52
03179KCNO CNO2019020315372337	NP	0000	0.00	29.162	29.161	29.170	57	52
03179KCNO CNO2019020315382338	NP	0000	0.00	29.162	29.161	29.170	57	52
03179KCNO CNO2019020315392339	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315402340	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315412341	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315422342	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315432343	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315442344	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315452345	?3	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315462346	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315472347	NP	0000	0.00	29.162	29.161	29.170	57	52
03179KCNO CNO2019020315482348	NP	0000	0.00	29.163	29.161	29.171	57	52
03179KCNO CNO2019020315492349	NP	0000	0.00	29.162	29.161	29.170	57	52
03179KCNO CNO2019020315502350	M	0000	0.00	29.162	29.161	29.170	57	52
03179KCNO CNO2019020315512351	NP	0000	0.00	29.162	29.161	29.170	57	52
03179KCNO CNO2019020315522352	NP	0000	0.00	29.162	29.161	29.170	57	52
03179KCNO CNO2019020315532353	NP	0000	0.00	29.162	29.161	29.170	56	52
03179KCNO CNO2019020315542354	?1	0000	0.00	29.162	29.160	29.170	56	52
03179KCNO CNO2019020315552355	NP	0000	0.00	29.162	29.160	29.170	57	52
03179KCNO CNO2019020315562356	NP	0000	0.00	29.163	29.161	29.171	56	52
03179KCNO CNO2019020315572357	NP	0000	0.00	29.163	29.161	29.171	56	52
03179KCNO CNO2019020315582358	NP	0000	0.00	29.164	29.162	29.172	56	52
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