

Factual Report – Attachment 1

METEOROLOGY

DCA19MA143

KNIP 5-minute and 1-minute Observations

5-Minute Obs

93837KNIP NIP20190503180014805/03/19 18:00:31 5-MIN KNIP 032300Z 21004KT 10SM
FEW020 SCT035 BKN065 BKN250 26/22 A2993 20 79 1300 210/04 RMK AO2 CB DSNT W-NW T1
SET T02610222 \$

93837KNIP NIP20190503180514805/03/19 18:05:31 5-MIN KNIP 032305Z 18006KT 10SM
FEW020 SCT035 BKN065 BKN250 26/22 A2993 10 79 1300 180/06 RMK AO2 CB DSNT W-NW T1
SET T02610222 \$

93837KNIP NIP20190503181014805/03/19 18:10:31 5-MIN KNIP 032310Z 18007KT 10SM
FEW020 SCT035 BKN065 BKN250 26/22 A2993 10 81 1300 190/07 RMK AO2 CB DSNT W-NW T1
SET T02560222 \$

93837KNIP NIP20190503181514805/03/19 18:15:31 5-MIN KNIP 032315Z 17008KT 10SM
FEW020 SCT035 BKN065 BKN250 26/22 A2993 10 81 1300 180/08 RMK AO2 CB DSNT W-NW T1
SET T02560222 \$

93837KNIP NIP20190503182014805/03/19 18:20:31 5-MIN KNIP 032320Z 17007KT 10SM
FEW020 SCT035 BKN065 BKN250 26/22 A2993 20 79 1300 180/07 RMK AO2 CB DSNT W-NW T1
SET T02560217 \$

93837KNIP NIP20190503182514805/03/19 18:25:31 5-MIN KNIP 032325Z 18004KT 10SM
FEW020 SCT035 BKN065 BKN250 26/22 A2993 20 79 1300 180/04 RMK AO2 CB DSNT W-NW T2
SET T02560217 \$

93837KNIP NIP20190503183014805/03/19 18:30:31 5-MIN KNIP 032330Z 17003KT 10SM
FEW020 SCT035 BKN065 BKN250 26/22 A2993 20 79 1300 180/03 RMK AO2 CB DSNT W-NW T2
SET T02560217 \$

93837KNIP NIP20190503183514805/03/19 18:35:31 5-MIN KNIP 032335Z 17006KT 10SM
FEW020 SCT035 BKN065 BKN250 26/22 A2993 10 79 1300 170/06 RMK AO2 CB DSNT W-NW T2
SET T02610222 \$

93837KNIP NIP20190503184014805/03/19 18:40:31 5-MIN KNIP 032340Z 16005KT 10SM
FEW020 SCT035 BKN065 BKN250 26/22 A2993 10 79 1300 160/05 RMK AO2 CB DSNT W-NW T2
SET T02560217 \$

93837KNIP NIP20190503184514805/03/19 18:45:31 5-MIN KNIP 032345Z 14005KT 10SM
FEW020 SCT035 BKN065 BKN250 26/21 A2993 10 76 1300 140/05 RMK AO2 CB DSNT W-NW T2
SET T02560211 \$

93837KNIP NIP20190503185017905/03/19 18:50:31 5-MIN KNIP 032350Z 12004KT 10SM
FEW020 SCT035 BKN065 BKN250 26/21 A2993 10 76 1300 120/04 RMK AO2 SLP132 CB DSNT
W-NW T2 SET 60001 T02560211 10289 20256 57013 \$

93837KNIP NIP20190503185514805/03/19 18:55:31 5-MIN KNIP 032355Z 13005KT 10SM
FEW015 SCT030 BKN120 BKN250 26/21 A2994 10 76 1300 130/05 RMK AO2 CB DSNT SW-W T2
SET T02560211 \$

93837KNIP NIP20190503190014705/03/19 19:00:31 5-MIN KNIP 040000Z 15006KT 10SM
FEW015 SCT030 BKN120 BKN250 26/22 A2994 0 79 1300 160/06 RMK AO2 CB DSNT SW-W T2
SET T02560217 \$

93837KNIP NIP20190503190514705/03/19 19:05:31 5-MIN KNIP 040005Z 15005KT 10SM
FEW015 SCT030 BKN120 BKN250 26/22 A2995 0 79 1300 150/05 RMK AO2 CB DSNT SW-W T2
SET T02560217 \$

93837KNIP NIP20190503191014705/03/19 19:10:31 5-MIN KNIP 040010Z 15005KT 10SM
FEW015 SCT030 BKN120 BKN250 26/22 A2994 0 81 1300 160/05 RMK AO2 CB DSNT SW-W T2
SET T02560222 \$

93837KNIP NIP20190503191514705/03/19 19:15:31 5-MIN KNIP 040015Z 14003KT 10SM
FEW015 SCT030 BKN120 BKN250 26/22 A2995 0 81 1300 150/03 RMK AO2 CB DSNT SW-W T2
SET T02560222 \$

93837KNIP NIP20190503192014705/03/19 19:20:31 5-MIN KNIP 040020Z 14006KT 10SM
FEW015 SCT030 BKN120 BKN250 25/22 A2995 0 84 1200 140/06 RMK AO2 CB DSNT SW-W T2
SET T02500222 \$

93837KNIP NIP20190503192514705/03/19 19:25:31 5-MIN KNIP 040025Z 15006KT 10SM
FEW015 SCT030 BKN120 BKN250 26/22 A2995 0 81 1300 150/06 RMK AO2 CB DSNT SW-W T2
SET T02560222 \$

93837KNIP NIP20190503193014705/03/19 19:30:31 5-MIN KNIP 040030Z 17006KT 10SM
FEW015 SCT030 BKN120 BKN250 25/22 A2995 0 84 1200 170/06 RMK AO2 CB DSNT SW-W T2
SET T02500222 \$

93837KNIP NIP20190503193514705/03/19 19:35:31 5-MIN KNIP 040035Z 17005KT 10SM
FEW015 SCT030 BKN120 BKN250 25/22 A2996 0 84 1200 180/05 RMK AO2 CB DSNT SW-W T2
SET T02500222 \$

93837KNIP NIP20190503194014905/03/19 19:40:31 5-MIN KNIP 040040Z 17006KT 10SM
FEW015 SCT030 BKN120 BKN250 25/22 A2996 -10 84 1200 170/06 RMK AO2 CB DSNT SW-W T2
SET T02500222 \$

93837KNIP NIP20190503194514905/03/19 19:45:31 5-MIN KNIP 040045Z 17006KT 10SM
FEW015 SCT030 BKN120 BKN250 25/22 A2996 -10 84 1200 170/06 RMK AO2 CB DSNT SW-W T2
SET T02500222 \$

93837KNIP NIP20190503195017305/03/19 19:50:31 5-MIN KNIP 040050Z 17004KT 10SM
SCT015 BKN030 BKN045 BKN250 25/22 A2996 -10 84 1200 170/04 RMK AO2 SLP142 OCNL
LTGIC DSNT SW CB DSNT SW T2 SET T02500222 \$

93837KNIP NIP20190503195517605/03/19 19:55:31 5-MIN KNIP 040055Z 00000KT 10SM -RA
SCT010 BKN030 BKN045 BKN250 25/22 A2997 -20 84 1200 000/00 RMK AO2 OCNL LTGIC DSNT
SW CB DSNT SW T2 SET P0000 T02500222 \$

93837KNIP NIP20190503200017605/03/19 20:00:31 5-MIN KNIP 040100Z 00000KT 10SM -RA
SCT010 BKN030 BKN045 BKN250 25/23 A2997 -20 87 1200 000/00 RMK AO2 OCNL LTGIC DSNT
SW CB DSNT SW T2 SET P0000 T02500228 \$

93837KNIP NIP20190503200518305/03/19 20:05:31 5-MIN KNIP 040105Z 08003KT 10SM -
TSRA SCT008 BKN030CB BKN045 BKN250 25/23 A2997 -20 87 1200 080/03 RMK AO2 TSB04
OCNL LTGIC VC W TS W MOV E T2 SET P0000 T02500228 \$

93837KNIP NIP20190503201018305/03/19 20:10:31 5-MIN KNIP 040110Z 06003KT 10SM -
TSRA SCT008 BKN030CB BKN045 BKN250 25/23 A2997 -20 87 1200 060/03 RMK AO2 TSB04
OCNL LTGIC VC W TS W MOV E T1 SET P0000 T02500228 \$

93837KNIP NIP20190503201518205/03/19 20:15:31 5-MIN KNIP 040115Z 00000KT 6SM -TSRA
SCT008 BKN030CB BKN045 BKN250 25/22 A2998 -20 84 1200 000/00 RMK AO2 TSB04 OCNL
LTGIC VC W TS W MOV E T1 SET P0002 T02500222 \$

93837KNIP NIP20190503202018505/03/19 20:20:31 5-MIN KNIP 040120Z 02003KT 5SM +TSRA
BR SCT008 BKN030CB BKN045 BKN250 24/22 A2998 -30 87 1100 030/03 RMK AO2 TSB04 OCNL
LTGIC VC W TS W MOV E T1 SET P0008 T02440222 \$

93837KNIP NIP20190503202517805/03/19 20:25:31 5-MIN KNIP 040125Z 35003KT 5SM +TSRA
BR SCT008 BKN018CB OVC030 24/23 A2998 -30 90 1100 350/03 RMK AO2 TSB04 FRQ LTGIC
OHD TS OHD MOV E T1 SET P0020 T02440228 \$

93837KNIP NIP20190503203017805/03/19 20:30:31 5-MIN KNIP 040130Z VRB03KT 3SM +TSRA
BR SCT008 BKN018CB OVC030 24/23 A2999 -30 93 1000 VRB/03 RMK AO2 TSB04 FRQ LTGIC
OHD TS OHD MOV E T1 SET P0036 T02390228 \$

93837KNIP NIP20190503203517805/03/19 20:35:31 5-MIN KNIP 040135Z VRB05KT 3SM +TSRA
BR SCT008 BKN018CB OVC030 24/22 A2999 -30 90 1000 VRB/05 RMK AO2 TSB04 FRQ LTGIC
OHD TS OHD MOV E T1 SET P0041 T02390222 \$

**93837KNIP NIP20190503204018405/03/19 20:40:31 5-MIN KNIP 040140Z 23010G16KT 3SM
+TSRA BR SCT008 BKN018CB OVC030 24/22 A2999 -30 90 1000 230/10G16 RMK AO2 TSB04
FRQ LTGIC OHD TS OHD MOV E T1 SET P0052 T02390222 \$**

**93837KNIP NIP20190503204519605/03/19 20:45:31 5-MIN KNIP 040145Z 29008G16KT 3SM
+TSRA BR SCT008 BKN015CB OVC032 24/22 A2999 -30 87 1100 290/08G16 RMK AO2 TSB04
FRQ LTGIC OHD TS OHD MOV E (ACFT MSHP) T1 SET P0063 T02440222 \$**

93837KNIP NIP20190503205019705/03/19 20:50:31 5-MIN KNIP 040150Z VRB04KT 3SM +TSRA
BR SCT008 BKN015CB OVC032 23/22 A2999 -30 90 1000 VRB/04 RMK AO2 TSB04 SLP150 FRQ
LTGIC OHD TS OHD MOV E (ACFT MSHP) T1 SET P0071 T02330217 \$

93837KNIP NIP20190503205517105/03/19 20:55:31 5-MIN KNIP 040155Z 13004KT 2SM +TSRA
BR SCT010 BKN021CB OVC035 23/21 A2998 -30 87 900 130/04 RMK AO2 FRQ LTGIC OHD TS
OHD MOV E T1 SET P0000 T02280206 \$

93837KNIP NIP20190503210017205/03/19 21:00:31 5-MIN KNIP 040200Z 13005KT 2SM -TSRA
BR SCT010 BKN021CB OVC035 23/21 A2998 -30 87 1000 140/05 RMK AO2 FRQ LTGIC OHD TS
OHD MOV E T1 SET P0000 T02330211 \$

93837KNIP NIP20190503210516905/03/19 21:05:31 5-MIN KNIP 040205Z 13005KT 2SM -TSRA
SCT010 BKN021CB OVC035 24/21 A2998 -30 84 1000 140/05 RMK AO2 FRQ LTGIC OHD TS OHD
MOV E T1 SET P0000 T02390211 \$

93837KNIP NIP20190503211016905/03/19 21:10:31 5-MIN KNIP 040210Z 13003KT 2SM -TSRA
SCT010 BKN021CB OVC035 24/21 A2997 -20 84 1000 140/03 RMK AO2 FRQ LTGIC OHD TS OHD
MOV E T1 SET P0000 T02390211 \$

93837KNIP NIP20190503211516905/03/19 21:15:31 5-MIN KNIP 040215Z 00000KT 2SM -TSRA
SCT010 BKN021CB OVC035 24/21 A2997 -20 84 1000 000/00 RMK AO2 FRQ LTGIC OHD TS OHD
MOV E T1 SET P0000 T02390211 \$

93837KNIP NIP20190503212017705/03/19 21:20:31 5-MIN KNIP 040220Z 16003KT 10SM -
TSRA SCT025CB BKN080 BKN120 BKN250 24/21 A2997 -20 84 1000 160/03 RMK AO2 OCNL
LTGIC VC E TS E MOV E T1 SET P0000 T02390211 \$

93837KNIP NIP20190503212518005/03/19 21:25:31 5-MIN KNIP 040225Z 12004KT 10SM TS
SCT025CB BKN080 BKN120 BKN250 24/21 A2997 -20 84 1000 130/04 RMK AO2 RAE23 OCNL
LTGIC VC E TS E MOV E T1 SET P0000 T02390211 \$

93837KNIP NIP20190503213018005/03/19 21:30:31 5-MIN KNIP 040230Z 11004KT 10SM TS
SCT025CB BKN080 BKN120 BKN250 24/21 A2997 -20 81 1100 120/04 RMK AO2 RAE23 OCNL
LTGIC VC E TS E MOV E T1 SET P0000 T02440211 \$

93837KNIP NIP20190503213518005/03/19 21:35:31 5-MIN KNIP 040235Z 12003KT 10SM TS
SCT025CB BKN080 BKN120 BKN250 24/21 A2997 -20 84 1000 120/03 RMK AO2 RAE23 OCNL
LTGIC VC E TS E MOV E T1 SET P0000 T02390211 \$

93837KNIP NIP20190503214014705/03/19 21:40:31 5-MIN KNIP 040240Z 13004KT 10SM
FEW015 SCT080 BKN250 24/22 A2997 -20 87 1000 140/04 RMK AO2 RAE23 TSE39 T1 SET P0000
T02390217 \$

93837KNIP NIP20190503214514705/03/19 21:45:31 5-MIN KNIP 040245Z 18004KT 10SM
FEW015 SCT080 BKN250 24/21 A2997 -20 81 1100 190/04 RMK AO2 RAE23 TSE39 T1 SET P0000
T02440211 \$

93837KNIP NIP20190503215016605/03/19 21:50:31 5-MIN KNIP 040250Z 24005KT 10SM
FEW015 SCT080 BKN250 24/22 A2998 -20 84 1100 240/05 RMK AO2 RAE23 TSE39 SLP146 T1
SET P0000 60074 T02440217 53001 \$

93837KNIP NIP20190503215513605/03/19 21:55:31 5-MIN KNIP 040255Z 24005KT 10SM
FEW010 SCT040 BKN120 BKN250 24/22 A2998 -30 87 1100 250/05 RMK AO2 T1 SET T02440222
\$

93837KNIP NIP20190503220013605/03/19 22:00:31 5-MIN KNIP 040300Z 23005KT 10SM
FEW010 SCT040 BKN120 BKN250 24/22 A2998 -30 87 1100 240/05 RMK AO2 T1 SET T02440222
\$

1-Minute Obs

93837KNIP NIP2019050318002300	0.087	D	205	4	204	5
93837KNIP NIP2019050318012301	0.086	D	191	4	187	5
93837KNIP NIP2019050318022302	0.086	D	188	5	193	5
93837KNIP NIP2019050318032303	0.087	D	192	4	185	5
93837KNIP NIP2019050318042304	0.088	D	188	5	176	7
93837KNIP NIP2019050318052305	0.091	D	179	6	181	8
93837KNIP NIP2019050318062306	0.093	D	177	7	185	8
93837KNIP NIP2019050318072307	0.093	D	182	7	182	8
93837KNIP NIP2019050318082308	0.094	D	185	8	185	9
93837KNIP NIP2019050318092309	0.095	D	185	8	187	8
93837KNIP NIP2019050318102310	0.094	D	183	7	187	8
93837KNIP NIP2019050318112311	0.091	D	180	7	177	8
93837KNIP NIP2019050318122312	0.088	D	177	7	175	8
93837KNIP NIP2019050318132313	0.087	D	171	7	165	8
93837KNIP NIP2019050318142314	0.081	D	168	7	170	9
93837KNIP NIP2019050318152315	0.076	D	172	8	168	8
93837KNIP NIP2019050318162316	0.077	D	172	7	169	9

93837KNIP NIP2019050318172317	0.077	D	170	8	169	9
93837KNIP NIP2019050318182318	0.078	D	171	7	174	8
93837KNIP NIP2019050318192319	0.075	D	172	7	174	8
93837KNIP NIP2019050318202320	0.076	D	171	7	171	8
93837KNIP NIP2019050318212321	0.076	D	172	6	173	7
93837KNIP NIP2019050318222322	0.078	D	173	6	178	6
93837KNIP NIP2019050318232323	0.076	D	177	5	182	6
93837KNIP NIP2019050318242324	0.074	D	180	5	183	5
93837KNIP NIP2019050318252325	0.075	D	180	4	177	5
93837KNIP NIP2019050318262326	0.073	D	186	3	182	4
93837KNIP NIP2019050318272327	0.075	D	188	3	187	4
93837KNIP NIP2019050318282328	0.074	D	183	3	184	4
93837KNIP NIP2019050318292329	0.073	D	180	3	187	4
93837KNIP NIP2019050318302330	0.075	D	174	3	171	4
93837KNIP NIP2019050318312331	0.074	D	171	3	174	5
93837KNIP NIP2019050318322332	0.073	D	173	4	169	5
93837KNIP NIP2019050318332333	0.073	D	171	5	167	6
93837KNIP NIP2019050318342334	0.071	D	166	6	167	6
93837KNIP NIP2019050318352335	0.081	D	169	6	176	8
93837KNIP NIP2019050318362336	0.073	D	175	7	177	10
93837KNIP NIP2019050318372337	0.071	D	175	7	173	10
93837KNIP NIP2019050318382338	0.069	D	168	6	168	7
93837KNIP NIP2019050318392339	0.066	D	160	6	157	7
93837KNIP NIP2019050318402340	0.065	D	158	5	157	7
93837KNIP NIP2019050318412341	0.066	D	156	4	153	5
93837KNIP NIP2019050318422342	0.065	D	153	5	159	6
93837KNIP NIP2019050318432343	0.067	D	150	5	161	5
93837KNIP NIP2019050318442344	0.066	D	140	5	140	6
93837KNIP NIP2019050318452345	0.067	D	138	5	142	6
93837KNIP NIP2019050318462346	0.069	D	141	5	145	6
93837KNIP NIP2019050318472347	0.071	D	132	5	125	5
93837KNIP NIP2019050318482348	0.066	D	123	4	124	4
93837KNIP NIP2019050318492349	0.066	D	121	4	116	4
93837KNIP NIP2019050318502350	0.066	D	120	4	118	6
93837KNIP NIP2019050318512351	0.066	D	120	4	120	4
93837KNIP NIP2019050318522352	0.067	D	118	4	116	5
93837KNIP NIP2019050318532353	0.068	D	118	4	124	5
93837KNIP NIP2019050318542354	0.074	D	121	4	121	5
93837KNIP NIP2019050318552355	0.081	D	125	5	127	5
93837KNIP NIP2019050318562356	0.086	D	130	5	132	5
93837KNIP NIP2019050318572357	0.089	D	136	5	143	6
93837KNIP NIP2019050318582358	0.089	D	139	5	138	6
93837KNIP NIP2019050318592359	0.090	D	144	6	141	7
93837KNIP NIP2019050319000000	0.092	D	151	6	153	6

93837KNIP NIP2019050319010001	0.089	D	153	5	158	6
93837KNIP NIP2019050319020002	0.088	N	154	6	151	7
93837KNIP NIP2019050319030003	0.090	N	152	6	148	7
93837KNIP NIP2019050319040004	0.090	N	149	6	148	6
93837KNIP NIP2019050319050005	0.091	N	146	5	133	6
93837KNIP NIP2019050319060006	0.092	N	141	5	151	7
93837KNIP NIP2019050319070007	0.095	N	138	6	136	7
93837KNIP NIP2019050319080008	0.097	N	141	6	150	6
93837KNIP NIP2019050319090009	0.095	N	149	5	164	5
93837KNIP NIP2019050319100010	0.094	N	151	5	158	6
93837KNIP NIP2019050319110011	0.095	N	147	5	145	5
93837KNIP NIP2019050319120012	0.098	N	141	4	136	5
93837KNIP NIP2019050319130013	0.098	N	143	4	142	4
93837KNIP NIP2019050319140014	0.097	N	144	3	131	3
93837KNIP NIP2019050319150015	0.097	N	141	3	156	4
93837KNIP NIP2019050319160016	0.096	N	138	3	126	4
93837KNIP NIP2019050319170017	0.099	N	133	4	142	6
93837KNIP NIP2019050319180018	0.097	N	136	5	138	6
93837KNIP NIP2019050319190019	0.099	N	138	5	139	7
93837KNIP NIP2019050319200020	0.099	N	135	6	125	7
93837KNIP NIP2019050319210021	0.100	N	141	6	140	7
93837KNIP NIP2019050319220022	0.098	N	145	6	142	8
93837KNIP NIP2019050319230023	0.099	N	144	7	139	8
93837KNIP NIP2019050319240024	0.101	N	143	7	146	8
93837KNIP NIP2019050319250025	0.100	N	145	6	147	7
93837KNIP NIP2019050319260026	0.100	N	159	6	167	7
93837KNIP NIP2019050319270027	0.099	N	168	6	163	7
93837KNIP NIP2019050319280028	0.099	N	168	6	173	6
93837KNIP NIP2019050319290029	0.099	N	170	6	174	7
93837KNIP NIP2019050319300030	0.099	N	170	6	169	7
93837KNIP NIP2019050319310031	0.099	N	168	6	170	6
93837KNIP NIP2019050319320032	0.101	N	166	5	170	6
93837KNIP NIP2019050319330033	0.100	N	168	6	169	6
93837KNIP NIP2019050319340034	0.100	N	173	5	178	6
93837KNIP NIP2019050319350035	0.099	N	173	5	169	5
93837KNIP NIP2019050319360036	0.101	N	170	5	169	6
93837KNIP NIP2019050319370037	0.102	N	166	5	165	6
93837KNIP NIP2019050319380038	0.102	N	163	5	175	6
93837KNIP NIP2019050319390039	0.102	N	163	5	166	6
93837KNIP NIP2019050319400040	0.104	N	166	6	168	7
93837KNIP NIP2019050319410041	0.104	N	168	6	165	7
93837KNIP NIP2019050319420042	0.103	N	171	6	171	7
93837KNIP NIP2019050319430043	0.102	N	171	6	171	7
93837KNIP NIP2019050319440044	0.100	N	168	6	170	6

93837KNIP NIP2019050319450045	0.103	N	165	6	157	7
93837KNIP NIP2019050319460046	0.105	N	161	6	167	7
93837KNIP NIP2019050319470047	0.103	N	163	6	168	6
93837KNIP NIP2019050319480048	0.102	N	163	5	170	6
93837KNIP NIP2019050319490049	0.111	N	162	5	163	5
93837KNIP NIP2019050319500050	0.141	N	165	4	163	5
93837KNIP NIP2019050319510051	0.249	N	126	2	166	3
93837KNIP NIP2019050319520052	0.217	N	15	1	292	2
93837KNIP NIP2019050319530053	0.176	N	277	1	235	2
93837KNIP NIP2019050319540054	0.190	N	253	2	253	3
93837KNIP NIP2019050319550055	0.199	N	291	2	327	4
93837KNIP NIP2019050319560056	0.177	N	322	3	325	4
93837KNIP NIP2019050319570057	0.147	N	321	2	331	2
93837KNIP NIP2019050319580058	0.130	N	324	2	324	3
93837KNIP NIP2019050319590059	0.127	N	10	1	116	1
93837KNIP NIP2019050320000100	0.156	N	72	1	47	4
93837KNIP NIP2019050320010101	0.167	N	75	2	57	4
93837KNIP NIP2019050320020102	0.138	N	60	3	57	3
93837KNIP NIP2019050320030103	0.129	N	63	3	68	4
93837KNIP NIP2019050320040104	0.124	N	67	3	72	4
93837KNIP NIP2019050320050105	0.122	N	76	3	69	4
93837KNIP NIP2019050320060106	0.122	N	80	2	69	3
93837KNIP NIP2019050320070107	0.119	N	80	2	72	3
93837KNIP NIP2019050320080108	0.120	N	73	2	68	3
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93837KNIP NIP2019050320100110	0.131	N	55	3	47	3
93837KNIP NIP2019050320110111	0.144	N	45	3	38	3
93837KNIP NIP2019050320120112	0.161	N	29	2	26	3
93837KNIP NIP2019050320130113	0.198	N	20	2	26	3
93837KNIP NIP2019050320140114	0.520	N	16	2	14	3
93837KNIP NIP2019050320150115	2.563	N	6	2	0	3
93837KNIP NIP2019050320160116	5.094	N	11	3	32	3
93837KNIP NIP2019050320170117	4.171	N	32	3	39	3
93837KNIP NIP2019050320180118	3.197	N	38	3	29	3
93837KNIP NIP2019050320190119	2.882	N	30	2	32	3
93837KNIP NIP2019050320200120	2.195	N	21	3	2	3
93837KNIP NIP2019050320210121	1.369	N	4	3	348	5
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93837KNIP NIP2019050320230123	4.025	N	344	5	345	6
93837KNIP NIP2019050320240124	4.960	N	342	4	351	5
93837KNIP NIP2019050320250125	8.255	N	345	3	347	3
93837KNIP NIP2019050320260126	8.585	N	356	3	354	3
93837KNIP NIP2019050320270127	9.307	N	343	2	348	3
93837KNIP NIP2019050320280128	13.910	N	354	1	293	2

93837KNIP NIP2019050320290129	10.640	N	84	1	92	3
93837KNIP NIP2019050320300130	5.361	N	90	3	87	4
93837KNIP NIP2019050320310131	3.391	N	108	4	124	5
93837KNIP NIP2019050320320132	1.783	N	134	4	159	6
93837KNIP NIP2019050320330133	0.984	N	158	5	167	6
93837KNIP NIP2019050320340134	1.159	N	186	5	226	6
93837KNIP NIP2019050320350135	5.825	N	224	5	246	8
93837KNIP NIP2019050320360136	5.938	N	241	7	222	10
93837KNIP NIP2019050320370137	4.573	N	235	10	238	16
93837KNIP NIP2019050320380138	7.120	N	230	12	242	13
93837KNIP NIP2019050320390139	7.102	N	226	11	225	12
93837KNIP NIP2019050320400140	5.135	N	229	10	239	11
93837KNIP NIP2019050320410141	5.267	N	240	9	242	10
93837KNIP NIP2019050320420142	5.298	N	248	8	260	10
93837KNIP NIP2019050320430143	5.658	N	261	9	271	13
93837KNIP NIP2019050320440144	5.720	N	275	9	277	10
93837KNIP NIP2019050320450145	5.731	N	287	8	285	9
93837KNIP NIP2019050320460146	5.182	N	300	7	311	9
93837KNIP NIP2019050320470147	3.552	N	308	7	308	10
93837KNIP NIP2019050320480148	3.591	N	309	7	306	9
93837KNIP NIP2019050320490149	5.710	N	316	6	324	6
93837KNIP NIP2019050320500150	6.446	N	332	4	334	5
93837KNIP NIP2019050320510151	5.346	N	27	2	122	2
93837KNIP NIP2019050320520152	3.778	N	97	2	136	3
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93837KNIP NIP2019050320540154	1.066	N	131	4	131	4
93837KNIP NIP2019050320550155	0.633	N	130	4	130	5
93837KNIP NIP2019050320560156	0.403	N	134	5	134	6
93837KNIP NIP2019050320570157	0.282	N	146	5	158	6
93837KNIP NIP2019050320580158	0.262	N	150	5	150	5
93837KNIP NIP2019050320590159	0.260	N	141	5	139	6
93837KNIP NIP2019050321000200	0.234	N	132	5	126	6
93837KNIP NIP2019050321010201	0.179	N	127	6	128	6
93837KNIP NIP2019050321020202	0.206	N	131	6	135	6
93837KNIP NIP2019050321030203	0.191	N	136	5	136	6
93837KNIP NIP2019050321040204	0.177	N	135	5	133	6
93837KNIP NIP2019050321050205	0.177	N	132	5	132	5
93837KNIP NIP2019050321060206	0.160	N	129	4	129	4
93837KNIP NIP2019050321070207	0.120	N	130	4	129	4
93837KNIP NIP2019050321080208	0.099	N	135	4	139	4
93837KNIP NIP2019050321090209	0.097	N	137	3	141	4
93837KNIP NIP2019050321100210	0.086	N	131	3	139	3
93837KNIP NIP2019050321110211	0.088	N	106	2	58	3
93837KNIP NIP2019050321120212	0.098	N	70	3	46	3

93837KNIP NIP2019050321130213	0.095	N	62	2	47	3
93837KNIP NIP2019050321140214	0.092	N	76	1	74	2
93837KNIP NIP2019050321150215	0.091	N	96	1	130	1
93837KNIP NIP2019050321160216	0.090	N	125	1	151	1
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93837KNIP NIP2019050321180218	0.090	N	159	2	159	3
93837KNIP NIP2019050321190219	0.090	N	157	3	157	3
93837KNIP NIP2019050321200220	0.089	N	156	3	154	3
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93837KNIP NIP2019050321220222	0.081	N	154	3	154	3
93837KNIP NIP2019050321230223	0.081	N	148	3	139	3
93837KNIP NIP2019050321240224	0.085	N	135	3	122	4
93837KNIP NIP2019050321250225	0.082	N	122	4	118	4
93837KNIP NIP2019050321260226	0.086	N	115	4	113	5
93837KNIP NIP2019050321270227	0.096	N	111	4	111	5
93837KNIP NIP2019050321280228	0.102	N	110	4	110	4
93837KNIP NIP2019050321290229	0.106	N	111	4	110	4
93837KNIP NIP2019050321300230	0.110	N	111	4	112	5
93837KNIP NIP2019050321310231	0.112	N	106	4	108	5
93837KNIP NIP2019050321320232	0.116	N	102	4	106	4
93837KNIP NIP2019050321330233	0.115	N	107	3	111	4
93837KNIP NIP2019050321340234	0.113	N	114	3	122	4
93837KNIP NIP2019050321350235	0.112	N	120	3	122	3
93837KNIP NIP2019050321360236	0.110	N	122	3	124	4
93837KNIP NIP2019050321370237	0.109	N	121	3	126	4
93837KNIP NIP2019050321380238	0.108	N	123	3	132	4
93837KNIP NIP2019050321390239	0.106	N	129	4	133	4
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93837KNIP NIP2019050321410241	0.095	N	143	4	155	4
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93837KNIP NIP2019050321500250	0.102	N	235	5	236	5
93837KNIP NIP2019050321510251	0.112	N	237	5	234	5
93837KNIP NIP2019050321520252	0.115	N	237	5	231	5
93837KNIP NIP2019050321530253	0.118	N	239	5	242	5
93837KNIP NIP2019050321540254	0.131	N	241	5	240	5
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93837KNIP NIP2019050321560256	0.144	N	241	5	234	6

93837KNIP NIP2019050321570257	0.150	N	242	4	238	6		
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93837KNIP NIP2019050322000300	0.122	N	234	5	227	5		
93837KNIP NIP2019050318002300	NP [0000]	0.00	29.880	29.880	29.889	79	71	
93837KNIP NIP2019050318012301	NP [0000]	0.00	29.881	29.880	29.890	79	71	
93837KNIP NIP2019050318022302	NP [0000]	0.00	29.882	29.881	29.891	79	72	
93837KNIP NIP2019050318032303	NP [0000]	0.00	29.883	29.883	29.892	78	71	
93837KNIP NIP2019050318042304	NP [0000]	0.00	29.884	29.883	29.893	79	72	
93837KNIP NIP2019050318052305	NP [0000]	0.00	29.885	29.884	29.894	79	72	
93837KNIP NIP2019050318062306	NP [0000]	0.00	29.885	29.885	29.894	79	72	
93837KNIP NIP2019050318072307	NP [0000]	0.00	29.886	29.885	29.894	79	72	
93837KNIP NIP2019050318082308	NP [0000]	0.00	29.885	29.885	29.894	78	72	
93837KNIP NIP2019050318092309	NP [0000]	0.00	29.885	29.884	29.894	78	72	
93837KNIP NIP2019050318102310	NP [0000]	0.00	29.885	29.884	29.893	78	72	
93837KNIP NIP2019050318112311	NP [0000]	0.00	29.884	29.883	29.893	78	72	
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93837KNIP NIP2019050318152315	NP [0000]	0.00	29.883	29.883	29.892	78	71	
93837KNIP NIP2019050318162316	NP [0000]	0.00	29.883	29.882	29.892	78	71	
93837KNIP NIP2019050318172317	NP [0000]	0.00	29.882	29.882	29.891	78	72	
93837KNIP NIP2019050318182318	NP [0000]	0.00	29.881	29.881	29.890	78	71	
93837KNIP NIP2019050318192319	NP [0000]	0.00	29.880	29.880	29.889	78	71	
93837KNIP NIP2019050318202320	NP [0000]	0.00	29.879	29.878	29.888	78	71	
93837KNIP NIP2019050318212321	NP [0000]	0.00	29.878	29.877	29.887	78	71	
93837KNIP NIP2019050318222322	NP [0000]	0.00	29.877	29.876	29.886	79	71	
93837KNIP NIP2019050318232323	NP [0000]	0.00	29.877	29.876	29.886	78	71	
93837KNIP NIP2019050318242324	NP [0000]	0.00	29.876	29.876	29.885	78	71	
93837KNIP NIP2019050318252325	NP [0000]	0.00	29.876	29.876	29.885	78	71	
93837KNIP NIP2019050318262326	NP [0000]	0.00	29.877	29.876	29.886	78	71	
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93837KNIP NIP2019050318302330	NP [0000]	0.00	29.880	29.879	29.888	79	71	
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93837KNIP NIP2019050318352335	NP [0001]	0.00	29.881	29.880	29.890	79	72	
93837KNIP NIP2019050318362336	NP [0001]	0.00	29.881	29.880	29.890	78	72	
93837KNIP NIP2019050318372337	NP [0001]	0.00	29.881	29.880	29.890	78	71	
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93837KNIP NIP2019050318412341	NP [0001] 0.00	29.882	29.881	29.891	78	70
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93837KNIP NIP2019050318482348	NP [0000] 0.00	29.883	29.883	29.892	78	70
93837KNIP NIP2019050318492349	NP [0000] 0.00	29.884	29.883	29.893	78	69
93837KNIP NIP2019050318502350	NP [0000] 0.00	29.885	29.884	29.894	78	70
93837KNIP NIP2019050318512351	NP [0000] 0.00	29.886	29.885	29.895	78	69
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93837KNIP NIP2019050319000000	NP [0000] 0.00	29.892	29.891	29.901	78	71
93837KNIP NIP2019050319010001	NP [0000] 0.00	29.894	29.893	29.903	78	72
93837KNIP NIP2019050319020002	NP [0000] 0.00	29.895	29.894	29.904	78	71
93837KNIP NIP2019050319030003	NP [0000] 0.00	29.895	29.895	29.904	78	71
93837KNIP NIP2019050319040004	NP [0000] 0.00	29.896	29.895	29.905	78	71
93837KNIP NIP2019050319050005	NP [0000] 0.00	29.896	29.896	29.905	78	71
93837KNIP NIP2019050319060006	NP [0000] 0.00	29.896	29.896	29.905	78	72
93837KNIP NIP2019050319070007	NP [0000] 0.00	29.896	29.895	29.905	78	72
93837KNIP NIP2019050319080008	NP [0000] 0.00	29.896	29.895	29.905	78	72
93837KNIP NIP2019050319090009	NP [0000] 0.00	29.895	29.894	29.904	78	72
93837KNIP NIP2019050319100010	NP [0000] 0.00	29.894	29.893	29.903	78	72
93837KNIP NIP2019050319110011	NP [0000] 0.00	29.893	29.892	29.902	78	72
93837KNIP NIP2019050319120012	NP [0000] 0.00	29.893	29.892	29.902	78	72
93837KNIP NIP2019050319130013	NP [0000] 0.00	29.893	29.893	29.902	78	72
93837KNIP NIP2019050319140014	NP [0000] 0.00	29.894	29.894	29.903	78	72
93837KNIP NIP2019050319150015	NP [0000] 0.00	29.895	29.895	29.904	77	72
93837KNIP NIP2019050319160016	NP [0000] 0.00	29.896	29.896	29.905	77	72
93837KNIP NIP2019050319170017	NP [0000] 0.00	29.897	29.896	29.906	78	72
93837KNIP NIP2019050319180018	NP [0000] 0.00	29.897	29.897	29.906	78	72
93837KNIP NIP2019050319190019	NP [0000] 0.00	29.898	29.897	29.907	77	72
93837KNIP NIP2019050319200020	NP [0000] 0.00	29.898	29.897	29.907	77	72
93837KNIP NIP2019050319210021	NP [0000] 0.00	29.899	29.898	29.908	78	72
93837KNIP NIP2019050319220022	NP [0000] 0.00	29.899	29.898	29.908	78	72

93837KNIP NIP2019050319230023	NP [0000] 0.00	29.899	29.899	29.908	78	72
93837KNIP NIP2019050319240024	NP [0000] 0.00	29.900	29.899	29.909	78	72
93837KNIP NIP2019050319250025	NP [0000] 0.00	29.900	29.899	29.909	78	72
93837KNIP NIP2019050319260026	NP [0000] 0.00	29.901	29.900	29.910	77	72
93837KNIP NIP2019050319270027	NP [0000] 0.00	29.902	29.901	29.911	77	72
93837KNIP NIP2019050319280028	NP [0000] 0.00	29.903	29.902	29.911	77	72
93837KNIP NIP2019050319290029	NP [0000] 0.00	29.904	29.903	29.913	77	72
93837KNIP NIP2019050319300030	NP [0000] 0.00	29.905	29.904	29.913	77	72
93837KNIP NIP2019050319310031	NP [0000] 0.00	29.905	29.904	29.914	77	72
93837KNIP NIP2019050319320032	NP [0000] 0.00	29.905	29.905	29.914	77	72
93837KNIP NIP2019050319330033	NP [0000] 0.00	29.906	29.905	29.915	78	72
93837KNIP NIP2019050319340034	NP [0000] 0.00	29.906	29.906	29.915	77	72
93837KNIP NIP2019050319350035	NP [0000] 0.00	29.907	29.906	29.916	78	72
93837KNIP NIP2019050319360036	NP [0000] 0.00	29.908	29.907	29.917	78	72
93837KNIP NIP2019050319370037	NP [0000] 0.00	29.908	29.908	29.917	77	72
93837KNIP NIP2019050319380038	NP [0000] 0.00	29.908	29.907	29.917	77	72
93837KNIP NIP2019050319390039	NP [0000] 0.00	29.908	29.907	29.917	78	72
93837KNIP NIP2019050319400040	NP [0000] 0.00	29.908	29.907	29.917	77	72
93837KNIP NIP2019050319410041	NP [0000] 0.00	29.908	29.907	29.917	78	72
93837KNIP NIP2019050319420042	NP [0000] 0.00	29.908	29.907	29.917	77	72
93837KNIP NIP2019050319430043	NP [0000] 0.00	29.908	29.908	29.918	77	72
93837KNIP NIP2019050319440044	NP [0000] 0.00	29.909	29.909	29.918	77	72
93837KNIP NIP2019050319450045	NP [0000] 0.00	29.910	29.909	29.919	78	72
93837KNIP NIP2019050319460046	NP [0000] 0.00	29.911	29.910	29.920	77	72
93837KNIP NIP2019050319470047	NP [0000] 0.00	29.911	29.911	29.920	78	72
93837KNIP NIP2019050319480048	M [0000] 0.00	29.912	29.911	29.921	77	72
93837KNIP NIP2019050319490049	NP 0000 0.00	29.912	29.912	29.921	77	72
93837KNIP NIP2019050319500050	M 0000 0.00	29.913	29.912	29.922	78	72
93837KNIP NIP2019050319510051	P 0000 0.00	29.914	29.913	29.923	77	73
93837KNIP NIP2019050319520052	R- 0000 0.00	29.915	29.914	29.924	77	72
93837KNIP NIP2019050319530053	R- 0000 0.00	29.917	29.916	29.925	77	72
93837KNIP NIP2019050319540054	R- 0000 0.00	29.918	29.917	29.927	77	72
93837KNIP NIP2019050319550055	R- 0000 0.00	29.920	29.919	29.929	77	72
93837KNIP NIP2019050319560056	R- 0000 0.00	29.921	29.920	29.930	77	72
93837KNIP NIP2019050319570057	R- 0000 0.00	29.922	29.921	29.931	77	73
93837KNIP NIP2019050319580058	R- 0000 0.00	29.922	29.922	29.931	77	72
93837KNIP NIP2019050319590059	R- 0000 0.00	29.923	29.922	29.932	77	73
93837KNIP NIP2019050320000100	P 0000 0.00	29.923	29.922	29.932	77	73
93837KNIP NIP2019050320010101	R- 0000 0.00	29.923	29.923	29.932	78	73
93837KNIP NIP2019050320020102	R- 0000 0.00	29.923	29.923	29.933	78	73
93837KNIP NIP2019050320030103	M 0000 0.00	29.924	29.923	29.933	77	73
93837KNIP NIP2019050320040104	?3 0000 0.00	29.924	29.923	29.933	77	72
93837KNIP NIP2019050320050105	?2 0000 0.00	29.925	29.924	29.934	77	72
93837KNIP NIP2019050320060106	NP 0000 0.00	29.925	29.925	29.934	77	73

93837KNIP NIP2019050320070107	NP	0000	0.00	29.925	29.924	29.934	77	73
93837KNIP NIP2019050320080108	NP	0000	0.00	29.925	29.924	29.934	77	72
93837KNIP NIP2019050320090109	NP	0000	0.00	29.925	29.924	29.934	77	73
93837KNIP NIP2019050320100110	?3	0001V	0.00	29.924	29.924	29.934	77	73
93837KNIP NIP2019050320110111	R-	0001V	0.00	29.924	29.924	29.933	77	72
93837KNIP NIP2019050320120112	R-	0001V	0.00	29.924	29.924	29.934	77	73
93837KNIP NIP2019050320130113	R-	0001V	0.00	29.925	29.924	29.934	77	72
93837KNIP NIP2019050320140114	R-	0001V	0.00	29.925	29.924	29.934	77	73
93837KNIP NIP2019050320150115	R+	0001V	0.02	29.926	29.925	29.935	77	72
93837KNIP NIP2019050320160116	R+	0001V	0.02	29.927	29.926	29.936	76	72
93837KNIP NIP2019050320170117	R+	0001V	0.01	29.928	29.928	29.937	76	72
93837KNIP NIP2019050320180118	R+	0001V	0.01	29.929	29.928	29.938	76	72
93837KNIP NIP2019050320190119	R+	0001V	0.01	29.930	29.929	29.938	76	72
93837KNIP NIP2019050320200120	R+	0001V	0.01	29.930	29.929	29.938	76	72
93837KNIP NIP2019050320210121	R+	0002V	0.00	29.930	29.929	29.938	76	72
93837KNIP NIP2019050320220122	R	0002V	0.02	29.929	29.929	29.938	76	72
93837KNIP NIP2019050320230123	R+	0002V	0.03	29.930	29.930	29.939	76	73
93837KNIP NIP2019050320240124	R+	0002V	0.03	29.933	29.932	29.941	76	73
93837KNIP NIP2019050320250125	R+	0002V	0.04	29.935	29.934	29.944	76	73
93837KNIP NIP2019050320260126	R+	0002V	0.04	29.936	29.936	29.945	76	73
93837KNIP NIP2019050320270127	R+	0002V	0.04	29.938	29.937	29.947	76	73
93837KNIP NIP2019050320280128	R+	0004	0.04	29.937	29.936	29.946	75	73
93837KNIP NIP2019050320290129	R+	0004	0.03	29.938	29.938	29.947	75	73
93837KNIP NIP2019050320300130	R+	0006	0.01	29.939	29.938	29.948	75	72
93837KNIP NIP2019050320310131	R+	0008	0.01	29.937	29.936	29.946	75	72
93837KNIP NIP2019050320320132	R+	0009	0.01	29.936	29.935	29.945	75	72
93837KNIP NIP2019050320330133	R+	0010	0.00	29.936	29.935	29.945	75	72
93837KNIP NIP2019050320340134	R	0013	0.01	29.937	29.936	29.946	76	73
93837KNIP NIP2019050320350135	R+	0013	0.02	29.938	29.937	29.947	76	73
93837KNIP NIP2019050320360136	R+	0016	0.01	29.938	29.937	29.947	76	73
93837KNIP NIP2019050320370137	R+	0019	0.01	29.936	29.936	29.945	75	72
93837KNIP NIP2019050320380138	R+	0025	0.04	29.937	29.936	29.946	75	72

93837KNIP NIP2019050320390139	R+	0026	0.04	29.936	29.936	29.945	75	72
93837KNIP NIP2019050320400140	R+	0027	0.01	29.937	29.936	29.946	75	71
93837KNIP NIP2019050320410141	R+	0028	0.02	29.937	29.936	29.946	76	72
93837KNIP NIP2019050320420142	R+	0029	0.01	29.936	29.936	29.945	76	72
93837KNIP NIP2019050320430143	R+	0031	0.03	29.937	29.936	29.946	76	72
93837KNIP NIP2019050320440144	R+	0032	0.03	29.937	29.937	29.947	75	72
93837KNIP NIP2019050320450145	R+	0031	0.02	29.938	29.937	29.947	75	72
93837KNIP NIP2019050320460146	R+	0032	0.01	29.939	29.938	29.948	75	72
93837KNIP NIP2019050320470147	R+	0033	0.01	29.939	29.939	29.948	74	71
93837KNIP NIP2019050320480148	R+	0033	0.02	29.939	29.939	29.948	74	70
93837KNIP NIP2019050320490149	R+	0030	0.02	29.939	29.939	29.948	74	70
93837KNIP NIP2019050320500150	R+	0031	0.02	29.939	29.939	29.948	73	70
93837KNIP NIP2019050320510151	R+	0031	0.02	29.938	29.938	29.947	73	69
93837KNIP NIP2019050320520152	R+	0025	0.01	29.936	29.936	29.945	73	69
93837KNIP NIP2019050320530153	R+	0021	0.00	29.934	29.933	29.943	73	69
93837KNIP NIP2019050320540154	R+	0021	0.00	29.934	29.933	29.943	73	69
93837KNIP NIP2019050320550155	R	0023	0.00	29.934	29.934	29.943	73	69
93837KNIP NIP2019050320560156	R	0023	0.00	29.935	29.934	29.944	73	69
93837KNIP NIP2019050320570157	R-	0023	0.00	29.935	29.935	29.944	74	69
93837KNIP NIP2019050320580158	R-	0019	0.00	29.935	29.935	29.944	74	70
93837KNIP NIP2019050320590159	R-	0019	0.00	29.935	29.934	29.944	74	70
93837KNIP NIP2019050321000200	R-	0020	0.00	29.935	29.934	29.944	74	70
93837KNIP NIP2019050321010201	R-	0020	0.00	29.934	29.933	29.943	75	70
93837KNIP NIP2019050321020202	R-	0023	0.00	29.933	29.933	29.942	75	70
93837KNIP NIP2019050321030203	R-	0024	0.00	29.933	29.932	29.942	75	70
93837KNIP NIP2019050321040204	R-	0026	0.00	29.932	29.932	29.941	75	70
93837KNIP NIP2019050321050205	R-	0028	0.00	29.931	29.931	29.941	75	71
93837KNIP NIP2019050321060206	R-	0030	0.00	29.930	29.929	29.939	75	71
93837KNIP NIP2019050321070207	R-	0030	0.00	29.928	29.928	29.937	75	70
93837KNIP NIP2019050321080208	R-	0030	0.00	29.926	29.926	29.936	75	70
93837KNIP NIP2019050321090209	P	0030	0.00	29.925	29.924	29.934	75	70
93837KNIP NIP2019050321100210	P	0025	0.00	29.923	29.922	29.932	75	70
93837KNIP NIP2019050321110211	?3	0026	0.00	29.921	29.921	29.930	75	70
93837KNIP NIP2019050321120212	?3	0027	0.00	29.920	29.920	29.929	75	70
93837KNIP NIP2019050321130213	P	0026	0.00	29.920	29.919	29.929	75	70
93837KNIP NIP2019050321140214	P	0026	0.00	29.920	29.919	29.929	75	70
93837KNIP NIP2019050321150215	P?	0026	0.00	29.920	29.919	29.929	75	70
93837KNIP NIP2019050321160216	?3	0021	0.00	29.920	29.920	29.929	75	70
93837KNIP NIP2019050321170217	NP	0016	0.00	29.921	29.920	29.930	75	70
93837KNIP NIP2019050321180218	NP	0016	0.00	29.921	29.920	29.930	75	70
93837KNIP NIP2019050321190219	NP	0012	0.00	29.921	29.920	29.930	75	70
93837KNIP NIP2019050321200220	NP	0009	0.00	29.921	29.921	29.930	75	70
93837KNIP NIP2019050321210221	NP	0009	0.00	29.922	29.921	29.931	75	70
93837KNIP NIP2019050321220222	NP	0006	0.00	29.922	29.921	29.931	75	70

93837KNIP NIP2019050321230223	NP	0004	0.00	29.922	29.922	29.931	75	69
93837KNIP NIP2019050321240224	NP	0004	0.00	29.922	29.922	29.931	76	70
93837KNIP NIP2019050321250225	NP	0004	0.00	29.921	29.921	29.930	76	70
93837KNIP NIP2019050321260226	NP	0002	0.00	29.920	29.919	29.929	75	70
93837KNIP NIP2019050321270227	NP	0002	0.00	29.919	29.918	29.928	76	70
93837KNIP NIP2019050321280228	NP	0001	0.00	29.919	29.918	29.928	76	70
93837KNIP NIP2019050321290229	NP	0000	0.00	29.918	29.918	29.927	76	70
93837KNIP NIP2019050321300230	NP	0000	0.00	29.918	29.918	29.927	76	70
93837KNIP NIP2019050321310231	NP	0000	0.00	29.919	29.918	29.928	75	70
93837KNIP NIP2019050321320232	NP	0000	0.00	29.919	29.918	29.928	75	70
93837KNIP NIP2019050321330233	NP	0000	0.00	29.919	29.918	29.928	75	71
93837KNIP NIP2019050321340234	NP	0000	0.00	29.919	29.919	29.928	75	70
93837KNIP NIP2019050321350235	NP	0000	0.00	29.919	29.919	29.928	75	70
93837KNIP NIP2019050321360236	NP	0000	0.00	29.920	29.919	29.929	75	71
93837KNIP NIP2019050321370237	NP	0000	0.00	29.920	29.919	29.929	75	71
93837KNIP NIP2019050321380238	NP	0000	0.00	29.920	29.919	29.929	75	71
93837KNIP NIP2019050321390239	NP	0000	0.00	29.920	29.920	29.929	75	71
93837KNIP NIP2019050321400240	NP	0000	0.00	29.921	29.920	29.930	75	71
93837KNIP NIP2019050321410241	NP	0000	0.00	29.921	29.920	29.930	75	70
93837KNIP NIP2019050321420242	NP	0000	0.00	29.921	29.921	29.930	75	70
93837KNIP NIP2019050321430243	NP	0000	0.00	29.922	29.921	29.931	76	70
93837KNIP NIP2019050321440244	NP	0000	0.00	29.922	29.922	29.931	76	70
93837KNIP NIP2019050321450245	NP	0000	0.00	29.923	29.922	29.932	76	70
93837KNIP NIP2019050321460246	NP	0000	0.00	29.923	29.923	29.932	76	70
93837KNIP NIP2019050321470247	NP	0000	0.00	29.924	29.924	29.933	76	70
93837KNIP NIP2019050321480248	NP	0000	0.00	29.925	29.924	29.934	76	71
93837KNIP NIP2019050321490249	NP	0000	0.00	29.925	29.925	29.934	76	71
93837KNIP NIP2019050321500250	NP	0000	0.00	29.926	29.925	29.935	76	71
93837KNIP NIP2019050321510251	M	0000	0.00	29.927	29.926	29.936	76	72
93837KNIP NIP2019050321520252	NP	0000	0.00	29.928	29.927	29.937	76	72
93837KNIP NIP2019050321530253	NP	0000	0.00	29.929	29.928	29.938	76	72
93837KNIP NIP2019050321540254	NP	0000	0.00	29.930	29.929	29.939	76	72
93837KNIP NIP2019050321550255	NP	0000	0.00	29.930	29.930	29.939	76	72
93837KNIP NIP2019050321560256	NP	0000	0.00	29.931	29.930	29.940	76	72
93837KNIP NIP2019050321570257	NP	0000	0.00	29.931	29.931	29.941	76	72
93837KNIP NIP2019050321580258	NP	0000	0.00	29.932	29.931	29.941	76	72
93837KNIP NIP2019050321590259	NP	0000	0.00	29.933	29.932	29.942	75	72
93837KNIP NIP2019050322000300	NP	0000	0.00	29.933	29.932	29.942	76	72