

Compression Cycle Open Interest Change Report

January 21, 2020

Description

Summary

There are 3 Compression Cycle Net Open Interest (OI) reports broken out by Futures, Puts and Calls in the tabs below

This report provides net change in open interest by Futures, Calls and Puts. The format of this report follows the structure below.

Futures

Product	Period Code	Net OI Change
Product Total		<i>Net change in OI for Futures by Product</i>
Grand Total		<i>Net change in OI across all Futures</i>

Calls

Product	Period Code	Strike	Net OI Change
Product Total			<i>Net change in OI for Calls by product</i>
Period Code Total	<i>YYYYMM Total</i>		<i>Net change in OI for Calls by period code</i>
Product Detail	<i>YYYYMM</i>	<i>1234</i>	<i>Net change in OI for Calls by strike</i>
Grand Total			<i>Net change in OI across all Calls</i>

Puts

Product	Period Code	Strike	Net OI Change
Product Total			<i>Net change in OI for Puts by product</i>
Period Code Total	<i>YYYYMM Total</i>		<i>Net change in OI for Puts by period code</i>
Product Detail	<i>YYYYMM</i>	<i>1234</i>	<i>Net change in OI for Puts by strike</i>
Grand Total			<i>Net change in OI across all Puts</i>

No Futures Net OI Change

Calls Net OI Change

Prod Code	Period Code	Strike	Net OI Change
E1A			-1481
E1A	202002		-1481
E1A	202002	3180	-1
E1A	202002	3200	-1
E1A	202002	3220	-10
E1A	202002	3245	-1
E1A	202002	3255	-43
E1A	202002	3260	-15
E1A	202002	3270	-194
E1A	202002	3275	-116
E1A	202002	3280	-25
E1A	202002	3285	-25
E1A	202002	3290	-67
E1A	202002	3315	-23
E1A	202002	3325	-12
E1A	202002	3335	-100
E1A	202002	3345	-175
E1A	202002	3350	-127
E1A	202002	3365	-118
E1A	202002	3370	-25
E1A	202002	3375	-154
E1A	202002	3380	-196
E1A	202002	3385	-15
E1A	202002	3390	-25
E1A	202002	3395	-13
E1C			-866
E1C	202002		-866
E1C	202002	3230	-2
E1C	202002	3235	-2
E1C	202002	3240	-5
E1C	202002	3245	-6
E1C	202002	3260	-6
E1C	202002	3265	-15
E1C	202002	3285	-211
E1C	202002	3295	-61
E1C	202002	3300	-120
E1C	202002	3310	-22
E1C	202002	3320	-61
E1C	202002	3325	-85

E1C	202002	3335	-113
E1C	202002	3345	-15
E1C	202002	3350	-1
E1C	202002	3355	-25
E1C	202002	3360	-44
E1C	202002	3370	-14
E1C	202002	3390	-8
E1C	202002	3415	-50
E2A			-483
E2A	202002		-483
E2A	202002	3285	-179
E2A	202002	3315	-75
E2A	202002	3320	-6
E2A	202002	3325	-65
E2A	202002	3330	-2
E2A	202002	3335	-29
E2A	202002	3340	-30
E2A	202002	3350	-25
E2A	202002	3365	-56
E2A	202002	3370	-8
E2A	202002	3400	-8
E2C			-25
E2C	202002		-25
E2C	202002	3325	-25
ES			-12477
ES	202003		-8768
ES	202003	2950	-110
ES	202003	3000	-255
ES	202003	3020	-21
ES	202003	3050	-261
ES	202003	3070	-21
ES	202003	3080	-75
ES	202003	3100	-100
ES	202003	3140	-129
ES	202003	3150	-62
ES	202003	3160	-35
ES	202003	3170	-25
ES	202003	3175	-119
ES	202003	3180	-325
ES	202003	3190	-25
ES	202003	3200	-125
ES	202003	3210	-131
ES	202003	3220	-427

ES	202003	3230	-266
ES	202003	3240	-202
ES	202003	3270	-100
ES	202003	3280	-265
ES	202003	3290	-225
ES	202003	3300	-100
ES	202003	3310	-100
ES	202003	3320	-100
ES	202003	3325	-100
ES	202003	3330	-204
ES	202003	3340	-138
ES	202003	3350	-725
ES	202003	3360	-435
ES	202003	3380	-368
ES	202003	3390	-759
ES	202003	3400	-407
ES	202003	3410	-383
ES	202003	3420	-312
ES	202003	3440	-100
ES	202003	3450	-100
ES	202003	3460	-162
ES	202003	3470	-55
ES	202003	3480	-100
ES	202003	3500	-25
ES	202003	3520	-337
ES	202003	3530	-104
ES	202003	3550	-350
ES	202006		-3709
ES	202006	3000	-9
ES	202006	3150	-50
ES	202006	3220	-25
ES	202006	3300	-25
ES	202006	3340	-17
ES	202006	3350	-37
ES	202006	3360	-363
ES	202006	3380	-228
ES	202006	3400	-832
ES	202006	3410	-417
ES	202006	3480	-115
ES	202006	3490	-42
ES	202006	3500	-672
ES	202006	3520	-100
ES	202006	3550	-425

ES	202006	3600	-44
ES	202006	3800	-32
ES	202006	3850	-26
ES	202006	3900	-100
ES	202006	4000	-150
EV1			-768
EV1	202002		-768
EV1	202002	3150	-100
EV1	202002	3185	-50
EV1	202002	3250	-200
EV1	202002	3275	-50
EV1	202002	3285	-100
EV1	202002	3310	-50
EV1	202002	3320	-18
EV1	202002	3330	-50
EV1	202002	3340	-150
EW			-16623
EW	202002		-6737
EW	202002	2900	-450
EW	202002	2990	-175
EW	202002	3050	-75
EW	202002	3060	-6
EW	202002	3070	-1
EW	202002	3080	-101
EW	202002	3100	-51
EW	202002	3110	-25
EW	202002	3130	-19
EW	202002	3140	-199
EW	202002	3150	-125
EW	202002	3160	-18
EW	202002	3170	-18
EW	202002	3180	-326
EW	202002	3190	-6
EW	202002	3210	-97
EW	202002	3220	-122
EW	202002	3230	-233
EW	202002	3240	-189
EW	202002	3250	-151
EW	202002	3260	-250
EW	202002	3280	-601
EW	202002	3290	-50
EW	202002	3300	-375
EW	202002	3320	-225

EW	202002	3330	-287
EW	202002	3340	-77
EW	202002	3350	-715
EW	202002	3360	-187
EW	202002	3370	-117
EW	202002	3380	-200
EW	202002	3390	-198
EW	202002	3400	-145
EW	202002	3420	-95
EW	202002	3430	-4
EW	202002	3450	-156
EW	202002	3460	-350
EW	202002	3470	-7
EW	202002	3500	-239
EW	202002	3700	-72
EW	202003		-7363
EW	202003	3030	-78
EW	202003	3060	-76
EW	202003	3070	-100
EW	202003	3080	-263
EW	202003	3090	-40
EW	202003	3100	-63
EW	202003	3120	-28
EW	202003	3150	-18
EW	202003	3160	-29
EW	202003	3170	-313
EW	202003	3180	-175
EW	202003	3190	-169
EW	202003	3200	-600
EW	202003	3220	-100
EW	202003	3230	-125
EW	202003	3240	-95
EW	202003	3250	-88
EW	202003	3260	-50
EW	202003	3270	-344
EW	202003	3280	-409
EW	202003	3290	-99
EW	202003	3300	-375
EW	202003	3310	-1
EW	202003	3320	-483
EW	202003	3330	-224
EW	202003	3340	-782
EW	202003	3350	-488

EW	202003	3370	-615
EW	202003	3380	-165
EW	202003	3390	-111
EW	202003	3400	-250
EW	202003	3410	-182
EW	202003	3420	-50
EW	202003	3430	-149
EW	202003	3440	-60
EW	202003	3450	-86
EW	202003	3500	-80
EW	202004		-1312
EW	202004	3030	-2
EW	202004	3120	-25
EW	202004	3140	-50
EW	202004	3190	-47
EW	202004	3200	-2
EW	202004	3210	-29
EW	202004	3220	-75
EW	202004	3230	-135
EW	202004	3240	-18
EW	202004	3250	-3
EW	202004	3280	-41
EW	202004	3310	-123
EW	202004	3320	-150
EW	202004	3330	-166
EW	202004	3340	-23
EW	202004	3360	-26
EW	202004	3380	-12
EW	202004	3390	-75
EW	202004	3400	-127
EW	202004	3420	-37
EW	202004	3440	-36
EW	202004	3450	-7
EW	202004	3460	-43
EW	202004	3470	-14
EW	202004	3480	-9
EW	202004	3490	-11
EW	202004	3500	-25
EW	202004	3600	-1
EW	202005		-519
EW	202005	2950	-100
EW	202005	3050	-50
EW	202005	3180	-11

EW	202005	3250	-146
EW	202005	3270	-4
EW	202005	3360	-75
EW	202005	3430	-56
EW	202005	3500	-16
EW	202005	3530	-36
EW	202005	3600	-25
EW	202006		-692
EW	202006	3260	-10
EW	202006	3270	-14
EW	202006	3290	-77
EW	202006	3320	-35
EW	202006	3330	-25
EW	202006	3400	-78
EW	202006	3430	-43
EW	202006	3440	-45
EW	202006	3450	-80
EW	202006	3470	-40
EW	202006	3480	-82
EW	202006	3500	-14
EW	202006	3510	-149
EW1			-5249
EW1	202002		-4544
EW1	202002	3150	-165
EW1	202002	3170	-1
EW1	202002	3180	-1
EW1	202002	3185	-14
EW1	202002	3190	-2
EW1	202002	3215	-1
EW1	202002	3220	-179
EW1	202002	3225	-46
EW1	202002	3235	-309
EW1	202002	3240	-36
EW1	202002	3250	-25
EW1	202002	3255	-4
EW1	202002	3260	-350
EW1	202002	3270	-131
EW1	202002	3275	-302
EW1	202002	3285	-50
EW1	202002	3290	-50
EW1	202002	3295	-100
EW1	202002	3300	-666
EW1	202002	3305	-287

EW1	202002	3310	-63
EW1	202002	3315	-30
EW1	202002	3320	-50
EW1	202002	3325	-100
EW1	202002	3330	-5
EW1	202002	3340	-54
EW1	202002	3345	-99
EW1	202002	3350	-525
EW1	202002	3360	-107
EW1	202002	3365	-100
EW1	202002	3375	-52
EW1	202002	3390	-48
EW1	202002	3395	-107
EW1	202002	3400	-401
EW1	202002	3415	-1
EW1	202002	3430	-30
EW1	202002	3440	-3
EW1	202002	3550	-50
EW1	202003		-705
EW1	202003	3230	-3
EW1	202003	3250	-125
EW1	202003	3300	-275
EW1	202003	3310	-1
EW1	202003	3325	-2
EW1	202003	3335	-8
EW1	202003	3350	-125
EW1	202003	3370	-8
EW1	202003	3380	-6
EW1	202003	3395	-25
EW1	202003	3400	-86
EW1	202003	3410	-30
EW1	202003	3460	-1
EW1	202003	3480	-2
EW1	202003	3490	-8
EW2			-1756
EW2	202002		-1756
EW2	202002	3175	-1
EW2	202002	3200	-1
EW2	202002	3215	-1
EW2	202002	3220	-1
EW2	202002	3230	-1
EW2	202002	3240	-1
EW2	202002	3245	-38

EW2	202002	3250	-58
EW2	202002	3265	-30
EW2	202002	3270	-16
EW2	202002	3280	-25
EW2	202002	3285	-28
EW2	202002	3295	-294
EW2	202002	3300	-71
EW2	202002	3305	-29
EW2	202002	3310	-214
EW2	202002	3315	-164
EW2	202002	3320	-52
EW2	202002	3325	-100
EW2	202002	3335	-100
EW2	202002	3340	-7
EW2	202002	3345	-2
EW2	202002	3350	-184
EW2	202002	3355	-25
EW2	202002	3360	-50
EW2	202002	3370	-44
EW2	202002	3390	-45
EW2	202002	3395	-149
EW2	202002	3400	-13
EW2	202002	3410	-7
EW2	202002	3490	-5
EW3			-16569
EW3	202002		-11752
EW3	202002	2950	-6
EW3	202002	3010	-6
EW3	202002	3020	-1
EW3	202002	3050	-50
EW3	202002	3110	-91
EW3	202002	3120	-357
EW3	202002	3150	-127
EW3	202002	3170	-114
EW3	202002	3180	-916
EW3	202002	3190	-50
EW3	202002	3200	-242
EW3	202002	3210	-125
EW3	202002	3230	-100
EW3	202002	3240	-222
EW3	202002	3260	-125
EW3	202002	3270	-175
EW3	202002	3280	-400

EW3	202002	3285	-1
EW3	202002	3290	-360
EW3	202002	3300	-911
EW3	202002	3305	-15
EW3	202002	3310	-165
EW3	202002	3315	-48
EW3	202002	3320	-559
EW3	202002	3325	-12
EW3	202002	3330	-313
EW3	202002	3335	-87
EW3	202002	3340	-94
EW3	202002	3350	-1121
EW3	202002	3355	-1
EW3	202002	3360	-925
EW3	202002	3365	-285
EW3	202002	3370	-45
EW3	202002	3375	-13
EW3	202002	3380	-133
EW3	202002	3390	-140
EW3	202002	3400	-55
EW3	202002	3405	-42
EW3	202002	3410	-76
EW3	202002	3420	-550
EW3	202002	3430	-82
EW3	202002	3435	-43
EW3	202002	3440	-59
EW3	202002	3450	-458
EW3	202002	3460	-142
EW3	202002	3465	-10
EW3	202002	3475	-133
EW3	202002	3480	-310
EW3	202002	3490	-9
EW3	202002	3500	-2
EW3	202002	3510	-125
EW3	202002	3550	-25
EW3	202002	3600	-1296
EW3	202004		-4817
EW3	202004	3050	-9
EW3	202004	3070	-1
EW3	202004	3080	-12
EW3	202004	3100	-42
EW3	202004	3110	-91
EW3	202004	3120	-181

EW3	202004	3130	-244
EW3	202004	3140	-199
EW3	202004	3150	-259
EW3	202004	3160	-492
EW3	202004	3170	-328
EW3	202004	3180	-176
EW3	202004	3200	-245
EW3	202004	3210	-6
EW3	202004	3220	-100
EW3	202004	3240	-375
EW3	202004	3250	-487
EW3	202004	3260	-73
EW3	202004	3270	-165
EW3	202004	3280	-644
EW3	202004	3300	-409
EW3	202004	3500	-15
EW3	202004	3510	-113
EW3	202004	3520	-125
EW3	202004	3540	-25
EW3	202004	3600	-1
Grand Total			-56297

Puts Net OI Change

Prod Code	Period Code	Strike	Net OI Change
E1A			-2196
E1A	202002		-2196
E1A	202002	3065	-42
E1A	202002	3070	-10
E1A	202002	3075	-150
E1A	202002	3085	-100
E1A	202002	3090	-74
E1A	202002	3095	-81
E1A	202002	3100	-25
E1A	202002	3110	-18
E1A	202002	3115	-32
E1A	202002	3125	-169
E1A	202002	3135	-100
E1A	202002	3140	-3
E1A	202002	3150	-7
E1A	202002	3155	-55
E1A	202002	3160	-87
E1A	202002	3170	-29
E1A	202002	3175	-83
E1A	202002	3180	-92
E1A	202002	3185	-125
E1A	202002	3190	-15
E1A	202002	3195	-56
E1A	202002	3200	-50
E1A	202002	3205	-1
E1A	202002	3220	-4
E1A	202002	3230	-118
E1A	202002	3235	-10
E1A	202002	3240	-20
E1A	202002	3245	-1
E1A	202002	3255	-20
E1A	202002	3260	-18
E1A	202002	3270	-197
E1A	202002	3275	-25
E1A	202002	3280	-27
E1A	202002	3290	-75
E1A	202002	3295	-13
E1A	202002	3305	-21
E1A	202002	3310	-150
E1A	202002	3320	-29

E1A	202002	3325	-45
E1A	202002	3335	-18
E1A	202002	3350	-1
E1C			-1734
E1C	202002		-1734
E1C	202002	3040	-6
E1C	202002	3055	-25
E1C	202002	3060	-25
E1C	202002	3065	-75
E1C	202002	3080	-42
E1C	202002	3130	-144
E1C	202002	3135	-6
E1C	202002	3145	-5
E1C	202002	3150	-12
E1C	202002	3170	-24
E1C	202002	3180	-38
E1C	202002	3185	-3
E1C	202002	3190	-71
E1C	202002	3195	-50
E1C	202002	3200	-175
E1C	202002	3205	-142
E1C	202002	3210	-21
E1C	202002	3215	-25
E1C	202002	3220	-140
E1C	202002	3230	-7
E1C	202002	3235	-61
E1C	202002	3240	-93
E1C	202002	3245	-12
E1C	202002	3255	-192
E1C	202002	3260	-11
E1C	202002	3265	-44
E1C	202002	3275	-75
E1C	202002	3280	-25
E1C	202002	3290	-50
E1C	202002	3295	-1
E1C	202002	3300	-100
E1C	202002	3305	-10
E1C	202002	3325	-2
E1C	202002	3340	-15
E1C	202002	3345	-7
E2A			-148
E2A	202002		-148
E2A	202002	3185	-6

E2A	202002	3220	-18
E2A	202002	3255	-5
E2A	202002	3265	-47
E2A	202002	3290	-1
E2A	202002	3325	-63
E2A	202002	3345	-7
E2A	202002	3360	-1
E2C			-103
E2C	202002		-103
E2C	202002	3235	-3
E2C	202002	3265	-75
E2C	202002	3325	-25
ES			-29521
ES	202003		-18039
ES	202003	2670	-75
ES	202003	2680	-390
ES	202003	2690	-325
ES	202003	2700	-50
ES	202003	2710	-353
ES	202003	2720	-92
ES	202003	2740	-98
ES	202003	2760	-156
ES	202003	2770	-39
ES	202003	2780	-303
ES	202003	2810	-163
ES	202003	2820	-600
ES	202003	2840	-262
ES	202003	2850	-1305
ES	202003	2860	-100
ES	202003	2870	-260
ES	202003	2880	-84
ES	202003	2890	-3
ES	202003	2900	-955
ES	202003	2910	-618
ES	202003	2920	-68
ES	202003	2925	-100
ES	202003	2930	-150
ES	202003	2940	-725
ES	202003	2950	-200
ES	202003	2960	-148
ES	202003	2970	-499
ES	202003	2975	-490
ES	202003	2980	-414

ES	202003	2990	-736
ES	202003	3000	-1724
ES	202003	3025	-207
ES	202003	3030	-95
ES	202003	3040	-300
ES	202003	3050	-507
ES	202003	3060	-459
ES	202003	3070	-72
ES	202003	3075	-24
ES	202003	3080	-151
ES	202003	3100	-1157
ES	202003	3120	-122
ES	202003	3130	-364
ES	202003	3150	-100
ES	202003	3160	-100
ES	202003	3180	-150
ES	202003	3190	-357
ES	202003	3200	-100
ES	202003	3210	-256
ES	202003	3220	-175
ES	202003	3230	-100
ES	202003	3240	-239
ES	202003	3260	-86
ES	202003	3270	-125
ES	202003	3275	-175
ES	202003	3280	-320
ES	202003	3320	-400
ES	202003	3330	-162
ES	202003	3340	-50
ES	202003	3350	-200
ES	202003	3450	-1
ES	202006		-11482
ES	202006	2350	-20
ES	202006	2400	-2048
ES	202006	2440	-75
ES	202006	2450	-282
ES	202006	2460	-171
ES	202006	2470	-225
ES	202006	2550	-425
ES	202006	2560	-15
ES	202006	2570	-37
ES	202006	2580	-65
ES	202006	2600	-1020

ES	202006	2610	-225
ES	202006	2620	-225
ES	202006	2650	-106
ES	202006	2660	-135
ES	202006	2680	-20
ES	202006	2700	-330
ES	202006	2710	-22
ES	202006	2740	-45
ES	202006	2750	-1225
ES	202006	2760	-100
ES	202006	2770	-119
ES	202006	2800	-490
ES	202006	2810	-150
ES	202006	2820	-450
ES	202006	2860	-56
ES	202006	2870	-177
ES	202006	2880	-137
ES	202006	2890	-300
ES	202006	2900	-459
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ES	202006	2920	-48
ES	202006	2930	-31
ES	202006	2950	-50
ES	202006	2990	-192
ES	202006	3010	-27
ES	202006	3030	-249
ES	202006	3060	-163
ES	202006	3070	-78
ES	202006	3080	-55
ES	202006	3100	-425
ES	202006	3120	-125
ES	202006	3130	-20
ES	202006	3150	-163
ES	202006	3190	-87
ES	202006	3220	-31
ES	202006	3260	-111
ES	202006	3270	-124
ES	202006	3275	-67
ES	202006	3280	-59
ES	202006	3310	-98
EV1			-150
EV1	202002		-150
EV1	202002	3245	-50

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EW	202002	2840	-100
EW	202002	2850	-100
EW	202002	2860	-166
EW	202002	2880	-241
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EW	202002	2930	-634
EW	202002	2940	-87
EW	202002	2950	-142
EW	202002	2960	-75
EW	202002	2970	-173
EW	202002	2980	-7
EW	202002	2990	-25
EW	202002	3000	-114
EW	202002	3010	-171
EW	202002	3020	-52
EW	202002	3030	-148
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EW	202002	3090	-193
EW	202002	3100	-893
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EW	202002	3140	-107
EW	202002	3150	-493
EW	202002	3160	-100
EW	202002	3180	-259
EW	202002	3190	-235
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EW	202002	3220	-25
EW	202002	3230	-544
EW	202002	3250	-333
EW	202002	3260	-4
EW	202002	3270	-445
EW	202002	3280	-25
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EW	202003	2740	-15
EW	202003	2800	-225
EW	202003	2820	-14
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EW	202003	2870	-100
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EW	202003	3070	-68
EW	202003	3080	-172
EW	202003	3090	-125
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EW	202003	3160	-19
EW	202003	3170	-161
EW	202003	3180	-254
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EW	202004	2720	-74
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EW	202004	2740	-11
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EW	202004	2780	-58
EW	202004	2790	-5
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EW	202005	2990	-74
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EW	202005	3180	-11
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EW	202006	3270	-68
EW	202006	3280	-55
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EW1	202002	3045	-4

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EW1	202002	3080	-207
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EW1	202002	3120	-25
EW1	202002	3125	-219
EW1	202002	3130	-79
EW1	202002	3135	-35
EW1	202002	3140	-167
EW1	202002	3150	-100
EW1	202002	3155	-23
EW1	202002	3160	-126
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EW1	202002	3170	-50
EW1	202002	3175	-300
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EW1	202002	3220	-56
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EW1	202002	3240	-96
EW1	202002	3250	-100
EW1	202002	3255	-35
EW1	202002	3260	-49
EW1	202002	3265	-60
EW1	202002	3270	-109
EW1	202002	3275	-107
EW1	202002	3280	-100
EW1	202002	3285	-100
EW1	202002	3295	-11

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EW1	202002	3305	-152
EW1	202002	3310	-101
EW1	202002	3320	-98
EW1	202002	3325	-150
EW1	202002	3330	-125
EW1	202002	3335	-104
EW1	202002	3350	-1
EW1	202002	3375	-20
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EW1	202003	2810	-8
EW1	202003	2890	-2
EW1	202003	2895	-20
EW1	202003	2940	-4
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EW1	202003	3000	-8
EW1	202003	3015	-11
EW1	202003	3025	-31
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EW1	202003	3160	-26
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EW2	202002	3045	-13
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EW2	202002	3110	-4
EW2	202002	3120	-43
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EW2	202002	3140	-185
EW2	202002	3145	-32
EW2	202002	3150	-121
EW2	202002	3155	-10
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EW2	202002	3165	-89
EW2	202002	3175	-456
EW2	202002	3180	-77
EW2	202002	3185	-77
EW2	202002	3190	-25
EW2	202002	3195	-1
EW2	202002	3200	-34
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EW2	202002	3240	-100
EW2	202002	3245	-50
EW2	202002	3250	-250
EW2	202002	3255	-60
EW2	202002	3260	-192
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EW2	202002	3280	-74
EW2	202002	3285	-146
EW2	202002	3290	-175
EW2	202002	3300	-113
EW2	202002	3305	-150
EW2	202002	3320	-98
EW2	202002	3325	-5
EW2	202002	3345	-18
EW2	202002	3350	-28
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EW3	202002	2880	-277
EW3	202002	2890	-50
EW3	202002	2900	-279
EW3	202002	2910	-59
EW3	202002	2920	-207
EW3	202002	2940	-178
EW3	202002	2950	-20
EW3	202002	2960	-235
EW3	202002	2970	-186
EW3	202002	2975	-78
EW3	202002	2990	-191
EW3	202002	3000	-650
EW3	202002	3010	-535
EW3	202002	3020	-127
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EW3	202002	3040	-81
EW3	202002	3050	-287
EW3	202002	3060	-715
EW3	202002	3070	-177
EW3	202002	3080	-600
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EW3	202002	3100	-545
EW3	202002	3110	-127
EW3	202002	3120	-250
EW3	202002	3130	-325
EW3	202002	3140	-369
EW3	202002	3150	-600
EW3	202002	3155	-3
EW3	202002	3170	-300

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EW3	202002	3190	-100
EW3	202002	3200	-719
EW3	202002	3210	-289
EW3	202002	3215	-150
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EW3	202002	3235	-11
EW3	202002	3240	-455
EW3	202002	3245	-1
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EW3	202002	3270	-24
EW3	202002	3280	-10
EW3	202002	3285	-10
EW3	202002	3290	-225
EW3	202002	3300	-137
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EW3	202002	3330	-200
EW3	202002	3340	-55
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EW3	202002	3360	-100
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EW3	202004	2520	-83
EW3	202004	2600	-125
EW3	202004	2670	-10
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EW3	202004	2780	-6
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EW3	202004	2820	-23
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EW3	202004	2950	-4
EW3	202004	2980	-26
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EW3	202004	3060	-23
EW3	202004	3070	-110
EW3	202004	3080	-50
EW3	202004	3100	-141
EW3	202004	3110	-165
EW3	202004	3120	-69
EW3	202004	3130	-139
EW3	202004	3140	-251
EW3	202004	3150	-208
EW3	202004	3160	-3
EW3	202004	3170	-200
EW3	202004	3200	-50
EW3	202004	3210	-100
EW3	202004	3220	-16
EW3	202004	3230	-116
EW3	202004	3240	-192
EW3	202004	3260	-129
EW3	202004	3270	-19
EW3	202004	3280	-38
EW3	202004	3290	-52
SP			-73
SP	202003		-73
SP	202003	2700	-80
SP	202003	3900	7
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