

United States Department of the Interior BUREAU OF INDIAN AFFAIRS Osage Agency P. O. Box 1539

Pawhuska, OK 74056

In reply refer to: Office of the Superintendent

JUN 0 5 2025

NOTICE: TO ALL OIL AND GAS LESSEES AND CRUDE OIL PURCHASERS, AS OF JUNE 2016 THE OSAGE AGENCY WILL NO LONGER PROVIDE THE HIGHEST POSTED PRICE REPORTS VIA MAIL. THE REPORTS MAY BE FOUND MONTHLY ON OUR WEBSITE AT THE FOLLOWING LINK, http://www.bia.gov/WhoWeAre/RegionalOffices/EasternOklahoma/WeAre/Osage/.

EFFECTIVE Oklahoma was	May 1, 2025the highest posted price for crude oil purchased in Osage County,\$55.75per barrel for 40 degree API oil, paid byCoffeyville, Sunoco
EFFECTIVE Oklahoma was	May 2-4, 2025the highest posted price for crude oil purchased in Osage County,\$54.77per barrel for 40 degree API oil, paid byPlains
EFFECTIVE Oklahoma was	May 5, 2025the highest posted price for crude oil purchased in Osage County,\$53.75per barrel for 40 degree API oil, paid bySunoco
EFFECTIVE Oklahoma was	May 6, 2025the highest posted price for crude oil purchased in Osage County,\$55.57per barrel for 40 degree API oil, paid byPlains
EFFECTIVE Oklahoma was	May 7, 2025the highest posted price for crude oil purchased in Osage County,\$54.55per barrel for 40 degree API oil, paid byPlains
EFFECTIVE Oklahoma was	May 8, 2025the highest posted price for crude oil purchased in Osage County,\$56.50per barrel for 40 degree API oil, paid bySunoco
EFFECTIVE Oklahoma was	May 9-11, 2025the highest posted price for crude oil purchased in Osage County,\$57.50per barrel for 40 degree API oil, paid byCoffeyville, Plains, Sunoco
EFFECTIVE Oklahoma was	May 12, 2025the highest posted price for crude oil purchased in Osage County,\$58.50per barrel for 40 degree API oil, paid bySunoco
EFFECTIVE Oklahoma was	May 13, 2025the highest posted price for crude oil purchased in Osage County,\$60.15per barrel for 40 degree API oil, paid byPlains
EFFECTIVE Oklahoma was	May 14, 2025the highest posted price for crude oil purchased in Osage County,\$59.63per barrel for 40 degree API oil, paid byPlains
EFFECTIVE Oklahoma was	May 15, 2025the highest posted price for crude oil purchased in Osage County,\$58.25per barrel for 40 degree API oil, paid bySunoco
EFFECTIVE Oklahoma was	May 16-18, 2025the highest posted price for crude oil purchased in Osage County,\$59.00per barrel for 40 degree API oil, paid byCoffeyville, Sunoco

EFFECTIVE Oklahoma was	May 19, 2025the highest posted price for crude oil purchased59.25per barrel for 40 degree API oil, paid bySunoco	l in Osage County,
EFFECTIVE Oklahoma was	May 20, 2025the highest posted price for crude oil purchased59.04per barrel for 40 degree API oil, paid byPlains	f in Osage County,
EFFECTIVE Oklahoma was	May 21, 2025the highest posted price for crude oil purchased58.05per barrel for 40 degree API oil, paid byPlains	I in Osage County,
EFFECTIVE Oklahoma was	May 22, 2025the highest posted price for crude oil purchased57.75per barrel for 40 degree API oil, paid bySunoco	l in Osage County,
EFFECTIVE Oklahoma was	May 23-25, 2025the highest posted price for crude oil purchased58.01per barrel for 40 degree API oil, paid byPlains	I in Osage County,
EFFECTIVE Oklahoma was	May 26, 2025the highest posted price for crude oil purchased58.01per barrel for 40 degree API oil, paid byPlains	I in Osage County,
EFFECTIVE Oklahoma was	May 27, 2025the highest posted price for crude oil purchased57.37per barrel for 40 degree API oil, paid byPlains	I in Osage County,
EFFECTIVE Oklahoma was	May 28, 2025the highest posted price for crude oil purchased58.32per barrel for 40 degree API oil, paid byPlains	l in Osage County,
EFFECTIVE Oklahoma was	May 29, 2025the highest posted price for crude oil purchased57.42per barrel for 40 degree API oil, paid byPlains	I in Osage County,
EFFECTIVE Oklahoma was	May 30-31, 2025the highest posted price for crude oil purchased57.50per barrel for 40 degree API oil, paid bySunoco	l in Osage County,

Under the terms of 25 CFR 226.11 (a)(2), royalty due the Osage Tribe is based on the actual selling price, but at not less than the highest posted price offered by a major purchaser in Osage County. If the actual selling price is not higher, then the above listed posted prices must be used to pay royalty. These prices were determined by a survey of posted prices paid by purchasers buying oil from Osage County. If your degree of API gravity is different than shown, please refer to the appropriate schedule enclosed. The Bureau of Indian Affairs is required to obtain royalty based on 25 CFR 226.11 (a)(2). The prices stated in this bulletin are subject to revision.

Sincerely,

Superintendent

			09405		RICING SC					HIGH:	60.15
					MAY 2025					LOW: AVERAGE:	53.75 57.4419
May 1, 202	25	May 2, 202		May 5, 202		May 6, 20	25	May 7, 202	5	May 8, 2025	
		May 3, 202		2 /		, , , , , , , , , , , , , , , , , , ,				····· · ······························	
		May 4, 202									
API GRAV	PRICE BBL		PRICE BBL	API GRAV	PRICE BBL	API GRAV	PRICE BBL	API GRAV	PRICE BBL	API GRAV	PRICE BBL
30.0-40.0		30,0-40,0	54.770	30.0-40.0		30.0-40.0	55.570	30.0-40.0	54.550	30.0-40.0	56.500
29.9	55.745		54.765	29.9	53.745	29.9	55.565	29.9	54.545		56.495
29.8	55.740		54.760	29.8	53.740		55.560	29.8			56.490
29.7	55.735		54.755	29.7	53.735	29.7	55.555	29.7			56.485
29.6	55.730		54.750	29.6	53.730	29.6	55.550	29.6			56.480
29.5	55.725		54.745	29.5	53.725	29.5	55.545	29.5			56.475
29.4	55.720		54.740	29.4	53.720	29.4	55.540	29.4			56.470
29.3	55.715		54.735	29.3	53.715	29.3	55.535	29.3			56.465
29.2 29.1	55.710 55.705	29.2 29.1	54.730 54.725	29.2	53.710		55.530				56.460
29.1 29.0	55,705	29.1	54.725 54.720	29.1 29.0	53.705 53.700	29.1 29.0	55.525 55.520	29.1			56.455
29.0	55.695	29.0	54.720	29.0	53.695	29.0	55.515	29.0 28.9			56.450
28.9 28.8	55.690		54.715 54.710	28.8	53.695	28.8	55.510	28.9			56.445 56.440
28.7	55.685		54.710	28.7	53.685	28.7	55.505	28.8 28.7			56.440 56.435
28.6	55.680		54.700	28.6	53.680	28.6	55,500	28.6			56.430
28.5	55.675	28.5	54.695	28.5	53.675	28.5	55.495	28.5			56.430
28.4	55.670		54.690	28.4	53.670	28.4	55.490	28.4			56.420
28.3	55,665		54.685	28.3	53.665	28.3	55.485	28.3			56.415
28.2	55.660		54.680	28.2	53.660	28.2	55.480				56.410
28.1	55.655		54.675	28.1	53.655	28.1	55.475	28.1			56.405
28.0	55.650	28.0	54.670	28.0	53.650	28.0	55.470	28.0			56,400
27.9	55.645	27.9	54.665	27.9	53.645	27.9	55.465	27.9			56.395
27.8	55.640		54.660	27.8	53.640	27.8	55.460	27.8		27.8	56.390
27.7	55.635		54.655	27.7	53.635	27.7	55.455	27.7			56.385
27.6	55.630		54.650	27.6	53.630	27.6	55.450	27.6			56.380
27.5	55.625	27.5	54.645	27.5	53.625	27.5	55.445	27.5			56.375
27.4	55.620		54.640	27.4	53.620	27.4	55.440	27.4			56.370
27.3	55.615		54.635	27.3	53.615	27.3	55.435	27.3			56.365
27.2	55.610		54.630	27.2	53.610	27.2	55.430	27.2			56.360
27.1	55.605	27.1	54.625	27.1	53.605	27.1	55.425	27.1	54.405		56.355
27.0	55.600	27.0	54.620	27.0	53.600	27.0	55.420	27.0			56.350
26.9	55.595	26.9	54.615	26.9	53.595	26.9	55.415	26.9			56.345
26.8	55.590		54.610	26.8	53.590	26.8	55.410	26.8			56.340
26.7 26.6	55.585	26.7	54.605	26.7	53.585	26.7	55.405	26.7			56.335
26.6 26.5	55.580 55.575		54.600 54.595	26.6 26.5	53.580 53.575	26.6 26.5	55.400				56.330
26.5 26.4	55.570		54.595 54.590	26.5 26.4	53.575		55.395 55.390	26.5 26.4		-	56.325 56.320
26.4 26.3	55.565		54.585	26.3	53.570	26.4 26.3	55.385	26.4			56.320 56.315
26.3 26.2	55,560		54.580	26.3	53.560	26.3 26.2	55.380	26.3			56.315
26.1	55.555		54.575	26.1	53.555	26.1	55.375	26.1	54.355		56.305
26.0	55.550		54.570	26.0	53.550	26.0	55.370	26.0	54.350		56.300
25.9	55.545		54.565	25.9	53.545	25.9	55.365	25.9			56.295
25.8	55.540		54.560	25.8	53.540		55.360				56.290
25.7	55.535		54.555	25.7	53.535	25.7	55.355	25.7			56.285
25.6	55,530		54.550	25.6	53.530	25.6	55.350	25.6			56.280
25.5	55.525		54.545	25.5	53.525	25.5	55.345	25.5			56.275
25.4	55.520		54,540	25.4	53.520	25.4	55.340	25.4	54.320	25.4	56.270
25.3	55.515		54.535	25.3	53.515	25.3	55.335	25.3			56.265
25.2	55.510		54.530	25.2	53.510		55.330	25.2			56.260
25.1	55.505		54.525	25.1	53.505	25.1	55.325	25.1	54.305		56.255
25.0	55.500	25.0	54.520	25.0	53.500	25.0	55.320	25.0			56.250
24.9	55.495		54.515	24.9	53.495	24.9	55.315	24.9	54.295		56.245
24.8	55,490		54.510	24.8	53.490		55.310	24.8			56.240
24.7	55.485		54.505	24.7	53.485	24.7	55.305	24.7			56.235
24.6	55.480		54.500	24.6	53.480	24.6	55.300	24.6			56.230
24.5	55.475		54.495	24.5	53.475	24.5	55.295	24.5			56.225
24.4 24.3	55.470		54.490	24.4	53.470		55.290				56.220
24.3	55.465	24.3	54.485	24.3	53.465	24.3	55.285	24.3	54.265	24.3	56.215

			00405							HIGH:	60.15
					RICING SC MAY 2025					LOW: AVERAGE:	53.75 57.4419
May 9, 202	5	May 12, 20		May 13, 20		May 14, 2	025	May 15, 20	25	May 16, 202	
May 10, 202		Wiciy 12, 20	20	101ay 10, 20	20	Way :4, 2	025	Way 10, 20	20	May 17, 202	
May 11, 20										May 18, 202	
	PRICE BBL	API GRAV	PRICE BBL	API GRAV	PRICE BBL	API GRAV	PRICE BBL	API GRAV	PRICE BBL		PRICE BBL
30.0-40.0		30,0-40,0	58.500	30.0-40,0		30.0-40.0	59.630	30.0-40.0	58.250		59.000
29.9	57.495	29.9	58.495	29.9	60.145		59.625	29.9			58.995
29.8	57.490	29.8	58.490	29.8	60.140	29.8	59.620	29.8	58.240		58.990
29.7	57.485	29.7	58,485	29.7	60.135		59.615	29.7	58.235	29.7	58.985
29.6	57.480	29.6	58,480	29.6	60.130		59.610				58.980
29.5	57.475	29.5	58.475	29.5	60.125		59.605				58.975
29.4	57.470	29.4	58.470	29.4	60.120		59.600	29.4			58.970
29.3	57.465	29.3	58,465	29.3	60.115		59.595	29.3			58.965
29.2	57.460	29.2	58.460	29.2	60.110		59.590				58.960
29.1	57.455	29.1	58.455	29.1	60.105		59.585				58.955
29.0	57.450	29.0	58.450	29.0	60.100	29.0	59.580				58.950
28.9	57.445	28.9	58.445	28.9	60.095		59.575	28.9			58.945
28.8 28.7	57.440 57.435	28.8 28.7	58.440 58.435	28.8 28.7	60.090 60.085		59.570 59.565	28.8 28.7			58.940 58.935
28.6	57.435	28.6	58,435 58,430	28.7 28.6	60.085		59.560				58.935
28.6 28.5	57.430	28.5	58.430 58.425	28.5	60.080		59.555	28.5			58.930
28.5	57.425	28.5	58.420	28.5	60.075		59.555	28.5			56.925
28.3	57.415	28.3	58.415	28.3	60.065		59.545	28.3			58.915
28.2	57.410	28.2	58.410	28.2	60.060		59.540				58.910
28.1	57.405	28.1	58.405	28.1	60.055		59.535				58.905
28.0	57.400	28.0	58.400	28.0	60.050	28.0	59.530				58.900
27.9	57.395	27.9	58,395	27.9	60.045	27.9	59.525	27.9			58,895
27.8	57.390	27.8	58.390	27.8	60.040		59.520				58.890
27.7	57.385	27.7	58.385	27.7	60.035		59.515	27.7			58.885
27.6	57.380	27.6	58.380	27.6	60.030	27.6	59.510	27.6			58.880
27.5	57.375	27.5	58.375	27.5	60.025		59.505	27.5			58,875
27.4	57.370	27.4	58.370	27.4	60.020		59.500	27.4			58.870
27.3	57.365	27.3	58.365	27.3	60.015		59.495	27.3			58.865
27.2	57.360	27.2	58.360	27.2	60.010		59.490	27.2			58.860
27.1	57.355	27.1	58.355	27.1	60.005		59.485	27.1			58.855
27.0	57.350	27.0	58.350	27.0	60.000	27.0	59.480	27.0			58.850
26.9	57.345	26.9	58.345	26.9	59.995		59.475	26.9			58.845
26.8	57.340	26.8	58.340	26.8	59.990		59.470				58.840
26.7	57.335	26.7	58.335	26.7	59.985	26.7	59,465	26.7			58.835
26.6 26.5	57.330 57.325	26.6 26.5	58.330 58.325	26.6 26.5	59.980 59.975		59.460 59.455			•	58.830
20.5 26.4	57.320	26.5	58.320	26.5	59.975 59.970		59,455				58.825 58.820
26.3	57.315	26.3	58.315	26.3	59.965		59,445				58.815
26.2	57.310	26.2	58,310	26.2	59.960		59.440				58.810
26.1	57.305	26.1	58.305	26.1	59.955		59.435	26.1			58.805
26.0	57.300	26.0	58.300	26.0	59.950		59.430				58.800
25.9	57.295	25.9	58.295	25.9	59.945		59.425				58.795
25.8	57.290	25.8	58.290	25.8	59.940		59.420				58.790
25.7	57.285	25.7	58.285	25.7	59.935	25.7	59.415	25.7	58.035	25.7	58.785
25.6	57.280	25.6	58.280	25.6	59.930		59.410				58.780
25.5	57.275	25.5	58.275	25.5	59.925		59.405				58.775
25.4	57.270		58.270	25.4	59.920		59.400				58.770
25.3	57.265	25.3	58.265	25.3	59.915		59.395				58.765
25.2	57.260	25.2	58.260	25.2	59.910		59.390				58.760
25.1	57.255	25.1	58.255	25.1	59.905		59.385				58,755
25.0	57.250	25.0	58.250	25.0	59.900		59.380				58.750
24.9	57.245	24.9	58.245	24.9	59.895		59.375				58.745
24.8	57.240		58.240	24.8	59.890		59.370				58.740
24.7	57.235	24.7	58.235	24.7	59.885		59.365	24.7			58.735
24.6	57.230	24.6	58.230	24.6	59.880		59.360				58.730
24.5 24.4	57.225	24.5	58.225	24.5	59.875		59.355				58.725
	57.220 57.215		58.220 58.215	24.4	59.870 59.865		59.350 59.345				58.720
24.3	57.215	24.3	58.215	24.3	59.865	24.3	59.345	24.3	57.965	24.3	58.71

			OSAGE		RICING SC					HIGH: LOW:	60.15 53.75
					MAY 2025					AVERAGE:	57.4419
May 19, 20)25	May 20, 20		May 21, 20		May 22, 2	025	May 23, 20	25	May 26, 202	
May 10, 20	20	1010 20, 20	/	1VICI y 2 1, 20	2.0	1110 ZZ, Z	020	May 20, 20 May 24, 20		10ay 20, 202	
								May 25, 20			
API GRAV	PRICE BBL	API GRAV	PRICE BBL	API GRAV	PRICE BBL	API GRAV	PRICE BBL	API GRAV		API GRAV	PRICE BBL
30.0-40.0		30,0-40,0	59.040	30.0-40.0		30.0-40.0	57.750		58.010		58.010
29.9	59.245		59.035	29,9	58.045		57.745				58.005
29.8	59.240		59.030		58.040		57.740				58.000
29.7	59.235		59.025	29.7	58.035		57.735				57.995
29.6	59.230		59.020		58.030		57.730				57.990
29.5	59.225		59.015		58.025		57.725				57.985
29.4	59.220		59.010		58.020		57.720				57.980
29.3	59.215	29.3	59.005	29.3	58.015		57.715				57.975
29.2	59.210	29.2	59.000	29.2	58.010	29.2	57.710	29.2	57.970		57.970
29.1	59.205	29.1	58.995		58.005		57.705		57.965		57.965
29.0	59.200	29.0	58.990	29.0	58.000	29.0	57,700				57.960
28.9	59.195	28.9	58.985	28.9	57.995	28.9	57.695				57.955
28.8	59.190	28.8	58.980	28.8	57.990	28.8	57.690	28.8			57.950
28.7	59.185		58.975	28.7	57.985	28.7	57,685				57.945
28.6	59.180		58.970	28.6	57.980		57.680				57.940
28.5	59.175		58.965		57.975	28.5	57.675	28.5	57.935	28.5	57,935
28.4	59.170	28.4	58.960	28.4	57.970	28.4	57,670	28.4	57.930	28.4	57.930
28.3	59.165		58.955		57.965	28.3	57.665	28.3	57.925	28.3	57.925
28.2	59.160	28.2	58.950	28.2	57.960	28.2	57.660	28.2	57.920	28.2	57.920
28.1	59,155	28.1	58.945	28.1	57.955	28.1	57.655	28.1	57.915		57.915
28.0	59.150	28.0	58.940	28.0	57.950	28.0	57.650	28.0	57.910	28.0	57.910
27.9	59.145		58.935	27.9	57.945	27.9	57.645	27.9	57.905	27.9	57.905
27.8	59.140	27.8	58.930	27.8	57.940	27.8	57.640		57.900	27.8	57.900
27.7	59.135		58.925	27.7	57.935	27.7	57.635	27.7	57.895	27.7	57.895
27.6	59.130		58.920		57.930	27.6	57.630				57.890
27.5	59.125		58.915		57.925	27.5	57.625				57.885
27.4	59.120		58.910		57.920	27.4	57.620				57.880
27.3	59.115		58.905	27.3	57.915	27.3	57.615				57.875
27.2	59.110		58.900		57.910	27.2	57.610				57.870
27.1	59.105		58.8 9 5	27.1	57.905	27.1	57.605		57.865		57.865
27.0	59.100		58.890	27.0	57.900	27.0	57.600				57.860
26.9	59.095		58.885	26.9	57.895	26.9	57.595	26.9			57.855
26.8	59.090		58.880		57.890	26.8	57.590				57.850
26.7	59.085		58.875		57.885	26,7	57.585				57.845
26.6	59.080		58.870		57.880		57.580				57.84Ò
26.5	59.075	1	58.865	•	57.875	26.5	57.575				57.835
26.4	59.070		58.860		57.870	26.4	57.570				57.830
26.3	59.065		58.855		57.865		57,565				57,825
26.2	59.060		58.850		57.860	26.2	57.560				57.820
26.1	59.055	1	58.845		57.855	26.1	57.555		57.815		57.815
26.0	59.050		58.840		57.850	26.0	57.550				57.810
25.9	59.045		58.835		57.845	25.9	57.545				57.805
25.8	59.040		58.830		57.840	25.8	57.540				57.800
25.7	59.035		58.825		57.835	25.7	57.535				57.795
25.6	59.030		58.820		57.830	25.6	57.530				57.790
25.5	59.025		58.815		57.825	25.5	57.525				57.785
25.4	59.020		58.810		57.820	25.4	57.520				57.780
25.3	59.015		58.805		57.815	25.3	57.515				57,775
25.2	59.010		58.800		57.810		57.510				57.770
25.1	59.005		58.795		57.805	25.1	57.505				57.765
25.0	59.000		58,790		57.800	25.0	57.500				57.760
24.9	58.995		58.785		57.795	24.9	57.495				57.755
24.8	58.990		58.780		57.790	24.8	57.490				57.750
24.7	58.985		58.775		57.785	24.7	57.485				57.745
24.6	58.980		58.770		57.780	24.6	57.480				57.740
24.5	58.975		58.765		57.775	24.5	57.475				57.735
24.4	58.970		58.760		57.770		57.470				57.730
24.3	58.965	24.3	58.755	24.3	57.765	24.3	57.465	24.3	57.725	24.3	57.725

			OSAGE A		RICING SC					HIGH:	60.1 53.7
					MAY 2025					AVERAGE:	57.441
May 27, 20)25	May 28, 20)25	May 29, 20)25	May 30, 20					
						May 31, 20	025				
API GRAV	PRICE BBL	API GRAV	PRICE BBL	API GRAV	PRICE BBL	API GRAV	PRICE BBL	API GRAV	PRICE BBL		
30.0-40.0		30.0-40.0	58.320	30.0-40.0		30.0-40.0	57.500	30.0-40.0	0.000		
29.9	57.365		58.315		57.415		57.495	29.9	-0.005		
29.8	57.360		58,310		57.410		57.490	29.8	-0.010		
29.7	57.355	29.7	58.305	29.7	57.405		57.485	29.7	-0.015		
29.6	57.350		58.300	29.6	57,400	29.6	57.480	29.6	-0.020		
29.5	57.345		58.295	29.5	57.395		57.475	29.5	-0.025		
29.4	57.340		58.290	29.4	57.390		57.470		-0.030		
29.3	57.335		58.285	29.3	57.385		57.465	29.3	-0.035		
29.2	57.330		58.280	29.2	57.380		57.460	29.2	-0.040		
29.1	57.325		58.275	29.1	57.375		57,455	29.1	-0.045		
29.0 28.9	57.320		58.270	29.0	57.370	29.0	57.450	29.0	-0.050		
28.9 28.8	57.315 57.310		58.265 58.260	28.9 28.8	57.365 57.360	28.9 28.8	57.445 57.440	28.9 28.8	-0.055 -0.060		
28.8 28.7	57.305		58.255	28.8 28.7	57.355		57.440 57.435	28.8 28.7	-0.060 -0.065		
28.6	57.300		58.255	28.6	57.355		57.435	28.6	-0.065		
28.5	57.295		58.245	28.5	57.345		57.430	28.5	-0.070		
28.4	57.290		58.240	28.4	57.340		57.420	28.4	-0.070	•	
28.3	57.285		58.235	28.3	57.335		57.415	28.3	-0.085		
28.2	57.280		58.230	28.2	57.330		57.410	28.2	-0.090		
28.1	57.275		58,225	28.1	57.325		57,405	28.1	-0.095		
28.0	57.270		58.220	28.0	57.320	28.0	57.400	28.0	-0.100		
27.9	57.265		58.215	27.9	57.315	27.9	57.395	27.9	-0.105		
27.8	57.260		58.210	27.8	57.310		57.390	27.8	-0.110		
27.7	57.255		58.205	27.7	57.305		57.385	27.7	-0.115		
27.6	57.250		58.200	27.6	57.300		57.380	27.6	-0.120		
27.5	57.245		58.195	27.5	57.295		57.375	27.5	-0.125		
27.4	57.240		58.190	27.4	57.290		57.370	27.4	-0.130		
27.3	57.235		58.185	27.3	57.285		57.365	27.3	-0.135		
27.2 27.1	57.230 57.225		58.180 58.175	27.2 27.1	57.280 57.275		57.360	27.2	-0.140		
27.1	57.225		58.175	27.1	57.275		57.355 57.350	27.1 27.0	-0.145 -0.150		
26.9	57.215		58,165	27.0	57.265	26.9	57.345	26.9	-0.155		
26.8	57.210		58.160		57.260		57.340	26.8	-0.160		
26.7	57.205		58.155		57.255		57.335	26.7	-0.165		
26.6	57.200		58.150		57.250		57.330	26.6	-0.170		
26.5	57.195		58.145	26.5	57.245		57.325	26.5	-0.175		
26.4	57.190		58.140	26.4	57.240		57.320	26.4	-0.180		
26.3	57.185		58.135	26.3	57.235	26.3	57.315	26.3	-0.185		
26.2	57.180		58.130		57.230		57.310	26.2	-0.190		
26.1	57.175		58.125	26.1	57.225		57.305	26.1	-0.195		
26.0	57.170		58.120	26.0	57.220		57.300	26.0	-0.200		
25.9	57,165		58.115	25.9	57.215	25.9	57.295	25.9	-0.205		
25.8	57.160 57.155		58.110		57.210		57.290	25.8	-0.210		
25.7 25.6	57.155		58.105	25.7	57.205		57.285	25.7	-0.215		
25.6 25.5	57.150 57.145		58.100 58.095	25.6 25.5	57.200 57.195		57.280 57.275	25.6	-0.220		
25.5 25.4	57.145 57.140		58.095 58.090		57.195 57.190		57.275 57.270	25.5 25.4	-0.225 -0.230		
25.4 25.3	57.135		58.090		57.185		57.265	25.4 25.3	-0.230		
25.2	57.130		58.080		57.180		57.260	25.3	-0.233		
25.1	57.125		58.075	25.1	57.175	25.1	57.255	25.1	-0.245		
25.0	57,120		58.070	25.0	57.170	25.0	57.250	25.0	-0.250		
24.9	57.115		58.065	24.9	57.165	24.9	57.245	24.9	-0.255		
24.8	57.110		58.060		57.160		57.240	24.8	-0.260		
24.7	57,105		58.055	24.7	57.155	24.7	57.235	24.7	-0.265		
24.6	57.100		58.050	24.6	57.150	24.6	57.230	24.6	-0.270		
24.5	57.095		58.045	24.5	57.145		57.225	24.5	-0.275		
24.4	57.090		58.040		57.140		57.220	24.4	-0.280		
24.3	57.085	24.3	58.035	24.3	57.135	24.3	57.215	24.3	-0.285		