

Supplementary information

Basins were identified by systematically scanning the continents using Google Earth[®] looking for relatively flat, low relief areas that contrast with surrounding regions of higher relief. This ‘low relief’ criterion was selected because we envision that aggrading sedimentary basins would be shown as relatively flat regions, where rivers filling the basins would result in smoothed topography. We also looked for evidence of lineaments and other structures that are consistent with fault-bounded sedimentary basins. Once we completed this cursory identification of the basins, we compiled and reviewed LANDSAT imagery (<http://glcfapp.umiacs.umd.edu:8080/esdi/index.jsp>) and SRTM data (<http://seamless.usgs.gov/>) to verify that low relief regions were properly identified. A literature search for modern continental sedimentary basins was also conducted in order to create as comprehensive a database as possible. Some of the included sedimentary basins appear to be incised at present and may be inactive.

We include locations of the basins in the database with basin names corresponding to their latitude and longitude location. Additionally, we provide a .kmz file for download to Google Earth[®]. We note that this is a work in progress and that we expect changes to this database as additional basins are identified and some possibly removed. Therefore, we call this database version 1.0 and look forward to collaborating with others to update and improve this database.

Continental Sedimentary Basin Locations
Basins Database, ver. 1.0

*Weissmann et al., Fluvial form in modern continental sedimentary basins: The
Distributive Fluvial System (DFS) Paradigm*

Basin Code	Latitude	Longitude			
N2580W10230	25.80	-102.30	N2630W10340	26.30	-103.40
N3025W10560	30.25	-105.60	N2640W10365	26.40	-103.65
N3085W11260	30.85	-112.60	N2760W10400	27.60	-104.00
N3230W11565	32.30	-115.65	N2765W10380	27.65	-103.80
N2240W09980	22.40	-99.80	N2790W10321	27.90	-103.21
N2225W09970	22.25	-99.70	N2765W10295	27.65	-102.95
N2247W10059	22.47	-100.59	N2715W10220	27.15	-102.20
N2270W10090	22.70	-100.90	N2850W10305	28.50	-103.05
N2490W10500	24.90	-105.00	N2929W10580	29.29	-105.80
N2390W10410	23.90	-104.10	N2930W10632	29.30	-106.32
N2497W10386	24.97	-103.86	N2915W10740	29.15	-107.40
N2490W10330	24.90	-103.30	N3075W10695	30.75	-106.95
N2507W12095	25.07	-102.95	N3080W10665	30.80	-106.65
N2520W10355	25.20	-103.55	N3280W10730	32.80	-107.30
N2530W10400	25.30	-104.00	N3200W10740	32.00	-107.40
N2550W10370	25.50	-103.70	N3155W10810	31.55	-108.10
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N2535W10270	25.35	-102.70	N3235W10895	32.35	-108.95
N2498W10264	24.98	-102.64	N3230W10930	32.30	-109.30
N2465W10240	24.65	-102.40	N3215W10990	32.15	-109.90
N2510W10230	25.10	-102.30	N3165W11018	31.65	-110.18
N2490W10200	24.90	-102.00	N3240W11130	32.40	-111.30
N2525W10225	25.25	-102.25	N3165W11105	31.65	-111.05
N2470W10127	24.70	-101.27	N3190W11140	31.90	-111.40
N2480W10098	24.80	-100.98	N3240W11175	32.40	-111.75
N2508W10116	25.08	-101.16	N3205W11240	32.05	-112.40
N2503W10117	25.03	-101.17	N3225W11320	32.25	-113.20
N2485W10070	24.85	-100.70	N3265W11355	32.65	-113.55
N2450W10040	24.50	-100.40	N3260W11380	32.60	-113.80
N2490W10040	24.90	-100.40	N3315W11565	33.15	-115.65
N2400W10092	24.00	-100.92	N3310W11390	33.10	-113.90
N2615W10045	26.15	-100.45	N3340W11425	33.40	-114.25
N2612W10012	26.12	-100.12	N3350W11465	33.50	-114.65
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N2650W10165	26.50	-101.65	N3365W11375	33.65	-113.75
N2650W10110	26.50	-101.10	N3390W11345	33.90	-113.45
N2615W10130	26.15	-101.30	N3400W11370	34.00	-113.70
N2620W10177	26.20	-101.77	N3280W10690	32.80	-106.90
N2672W10145	26.72	-101.45	N3280W10630	32.80	-106.30
N2690W10200	26.90	-102.00	N3500W10665	35.00	-106.65
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N2630W10270	26.30	-102.70	N3490W11455	34.90	-114.55
N2650W10310	26.50	-103.10	N3560W11400	35.60	-114.00
			N3530W11490	35.30	-114.90

N3480W11520	34.80	-115.20	N3790W11530	37.90	-115.30
N3420W11510	34.20	-115.10	N3800W11550	38.00	-115.50
N3430W11540	34.30	-115.40	N3845W11570	38.45	-115.70
N3450W11580	34.50	-115.80	N3770W11575	37.70	-115.75
N3415W11570	34.15	-115.70	N3729W11580	37.29	-115.80
N3480W11645	34.80	-116.45	N3750W11622	37.50	-116.22
N3483W11618	34.83	-116.18	N3800W11600	38.00	-116.00
N3492W11572	34.92	-115.72	N3825W11620	38.25	-116.20
N3550W11540	35.50	-115.40	N3810W11660	38.10	-116.60
N3580W11565	35.80	-115.65	N3750W11645	37.50	-116.45
N3550W11570	35.50	-115.70	N3770W11670	37.70	-116.70
N3550W11620	35.50	-116.20	N3785W11705	37.85	-117.05
N3520W11610	35.20	-116.10	N3785W11740	37.85	-117.40
N3527W11635	35.27	-116.35	N3775W11757	37.75	-117.57
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N3490W11783	34.90	-117.83	N3770W11807	37.70	-118.07
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N3400W11822	34.00	-118.22	N3720W11705	37.20	-117.05
N3420W11850	34.20	-118.50	N3720W11755	37.20	-117.55
N3417W11907	34.17	-119.07	N3710W11770	37.10	-117.70
N3493W11960	34.93	-119.60	N3765W11840	37.65	-118.40
N3520W11985	35.20	-119.85	N3710W12160	37.10	-121.60
N3520W11910	35.20	-119.10	N3660W12155	36.60	-121.55
N3535W11784	35.35	-117.84	N3735W12190	37.35	-121.90
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N3600W11725	36.00	-117.25	N3896W11977	38.96	-119.77
N3620W11680	36.20	-116.80	N3895W11935	38.95	-119.35
N3670W11775	36.70	-117.75	N3890W11915	38.90	-119.15
N3667W11756	36.67	-117.56	N3875W11898	38.75	-118.98
N3645W11645	36.45	-116.45	N3865W11870	38.65	-118.70
N3680W11595	36.80	-115.95	N3855W11833	38.55	-118.33
N3695W11602	36.95	-116.02	N3888W11827	38.88	-118.27
N3670W11562	36.70	-115.62	N3896W11855	38.96	-118.55
N3665W11550	36.65	-115.50	N3925W11825	39.25	-118.25
N3670W11532	36.70	-115.32	N3930W11853	39.30	-118.53
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N3715W11541	37.15	-115.41	N3965W11810	39.65	-118.10
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N3870W10609	38.70	-106.09	N3880W11768	38.80	-117.68
N3785W11290	37.85	-112.90	N3925W11730	39.25	-117.30
N3800W11342	38.00	-113.42	N3900W11710	39.00	-117.10
N3825W11270	38.25	-112.70	N3900W11670	39.00	-116.70
N3830W11300	38.30	-113.00	N3880W11640	38.80	-116.40
N3820W11400	38.20	-114.00	N3940W11630	39.40	-116.30
N3785W11475	37.85	-114.75	N3870W11600	38.70	-116.00
N3800W11497	38.00	-114.97	N3890W11500	38.90	-115.00

N3930W11520	39.30	-115.20	N4255W11820	42.55	-118.20
N3965W11570	39.65	-115.70	N4400W11380	44.00	-113.80
N3970W11540	39.70	-115.40	N4420W11330	44.20	-113.30
N3980W11515	39.80	-115.15	N4425W11300	44.25	-113.00
N3980W11480	39.80	-114.80	N4500W11230	45.00	-112.45
N3840W11490	38.40	-114.90	N3690W11545	36.90	-115.45
N3850W11460	38.50	-114.60	N3740W11740	37.40	-117.40
N3900W11450	39.00	-114.50	N3830W11810	38.30	-118.10
N3905W11400	39.05	-114.00	N3833W11780	38.33	-117.80
N3930W11350	39.30	-113.50	N3840W11760	38.40	-117.60
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N4065W11445	40.65	-114.45	N4090W11900	40.90	-119.00
N4060W11520	40.60	-115.20	N4060W11970	40.60	-119.70
N4000W11600	40.00	-116.00	N3980W11850	39.80	-118.50
N4040W11650	40.40	-116.50	N4045W11730	40.45	-117.30
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N4025W11800	40.25	-118.00	N3714W11720	37.14	-117.20
N4020W11890	40.20	-118.90	N0860W07470	8.60	-74.70
N4035W11910	40.35	-119.10	N0680W07030	6.80	-70.30
N4020W11930	40.20	-119.30	N0700W07400	7.00	-74.00
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N4070W11830	40.70	-118.30	S0630W08050	-6.30	-80.50
N4160W12010	41.60	-120.10	S1100W07610	-11.00	-76.10
N4220W11330	42.20	-113.30	S1500W06500	-15.00	-65.00
N4250W11285	42.50	-112.85	S1850W05650	-18.50	-56.50
N4450W11380	44.50	-113.80	S2300W06040	-23.00	-60.40
N4390W11350	43.90	-113.50	S2130W06700	-21.30	-67.00
N4270W11800	42.70	-118.00	S2045W06950	-20.45	-69.50
N4252W11848	42.52	-118.48	S2290W06860	-22.90	-68.60
N4550W11350	45.50	-113.50	S2350W06590	-23.50	-65.90
N4485W11277	44.85	-112.77	S2350W06670	-23.50	-66.70
N4550W11240	45.50	-112.40	S2350W06820	-23.50	-68.20
N4522W11170	45.22	-111.70	S2385W06880	-23.85	-68.80
N4635W11275	46.35	-112.75	S2460W06900	-24.60	-69.00
N4635W11410	46.35	-114.10	S2500W06680	-25.00	-66.80
N3767W12180	37.67	-121.80	S2530W06620	-25.30	-66.20
N6370W15175	63.70	-151.75	S2700W06640	-27.00	-66.40
N6442W14715	64.42	-147.15	S2750W06770	-27.50	-67.70
N6660W14560	66.60	-145.60	S2870W06842	-28.70	-68.42
N6975W14950	69.75	-149.50	S2915W06830	-29.15	-68.30
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N3750W12100	37.50	-121.00	S2855W06660	-28.55	-66.60
N2435W10135	24.35	-101.35	S3075W06800	-30.75	-68.00
N2450W10050	24.50	-100.50	S3030W06920	-30.30	-69.20
N2495W10413	24.95	-104.13	S3190W06950	-31.90	-69.50
N2540W10419	25.40	-104.19	S3550W06910	-35.50	-69.10
N4190W11872	41.90	-118.72	S3330W06720	-33.30	-67.20

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S1875W06710	-18.75	-67.10	N3110W00500	31.10	-5.00
S1910W06820	-19.10	-68.20	N3090W00550	30.90	-5.50
S3700W07250	-37.00	-72.50	N3020W00580	30.20	-5.80
S2250W06600	-22.50	-66.00	N3000W00555	30.00	-5.55
S2010W06750	-20.10	-67.50	N3100W00690	31.00	-6.90
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S2505W06713	-25.05	-67.13	N2910E01600	29.10	16.00
S2450W06700	-24.50	-67.00	N1400E04040	14.00	40.40
S3360W06910	-33.60	-69.10	N1350E01390	13.50	13.90
S3230W06937	-32.30	-69.37	N0850E04850	8.50	48.50
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S3080W06890	-30.80	-68.90	N0900E01900	9.00	19.00
S2650W06750	-26.50	-67.50	N0770E03870	7.70	38.70
S1500W06930	-15.00	-69.30	N0500E03550	5.00	35.50
N4540E00960	45.40	9.60	N0450E03530	4.50	35.30
N4583E01270	45.83	12.70	N0450E03500	4.50	35.00
N4430E02520	44.30	25.20	N0480E03450	4.80	34.50
N4210E02500	42.10	25.00	N0360E03480	3.60	34.80
N4265E02350	42.65	23.50	N0350E03515	3.50	35.15
N3950E02180	39.50	21.80	N0243E03580	2.43	35.80
S3390E14290	-33.90	142.90	S0700E03025	-7.00	30.25
S3005E14770	-30.05	147.70	S0700E03580	-7.00	35.80
S3060E13770	-30.60	137.70	S0850E03850	-8.50	38.50
S3060E13990	-30.60	139.90	S0850E03620	-8.50	36.20
S3000E14635	-30.00	146.35	S0850E03400	-8.50	34.00
S2900E14240	-29.00	142.40	S0840E02650	-8.40	26.50
S2825E13720	-28.25	137.20	S1000E02730	-10.00	27.30
S2670E13910	-26.70	139.10	S0980E02860	-9.80	28.60
S2650E14180	-26.50	141.80	S1150E03280	-11.50	32.80
S2638E14340	-26.38	143.40	S1500E02300	-15.00	23.00
S2500E14005	-25.00	140.05	S1500E03530	-15.00	35.30
S2450E13550	-24.50	135.50	S1640E03500	-16.40	35.00
S2250E11960	-22.50	119.60	S1950E02400	-19.50	24.00
S2290E13250	-22.90	132.50	S2050E02600	-20.50	26.00
S2160E14590	-21.60	145.90	S2270E03315	-22.70	33.15
S2110E14610	-21.10	146.10	S0100E03985	-1.00	39.85
S1850E14100	-18.50	141.00	N2500E01350	25.00	13.50
S0580E14030	-5.80	140.30	S1890E03450	-18.90	34.50
N3546E00470	35.46	4.70	N0540E03280	5.40	32.80
N3586E00655	35.86	6.55	N0920E03360	9.20	33.60
N3575E00683	35.75	6.83	N1625E03610	16.25	36.10
N3570E00710	35.70	7.10	N3090W00570	30.90	-5.70
N3552E00760	35.52	7.60	N3020W00690	30.20	-6.90
N3425E00625	34.25	6.25	S0360E03510	-3.60	35.10
N3430E00060	34.30	0.60	N2990W00690	29.90	-6.90
N3320W00380	33.20	-3.80	N2970W00620	29.70	-6.20
N3160W00800	31.60	-8.00	N2720W01140	27.20	-11.40
N3240W00650	32.40	-6.50	N3160W00500	31.60	-5.00

N3180W00490	31.80	-4.90	N3915E02740	39.15	27.40
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N1050E04980	10.50	49.80	N3815E02800	38.15	28.00
S2200E04370	-22.00	43.70	N3785E02825	37.85	28.25
N2200E04555	22.00	45.55	N3825E02980	38.25	29.80
N2160E05600	21.60	56.00	N3915E02890	39.15	28.90
N3070E03530	30.70	35.30	N3945E03000	39.45	30.00
N3170E04615	31.70	46.15	N3770E03015	37.70	30.15
N3120E04960	31.20	49.60	N2075E04700	20.75	47.00
N3115E05265	31.15	52.65	N1650E04240	16.50	42.40
N3060E05265	30.60	52.65	N2500E03897	25.00	38.97
N3050E05250	30.50	52.50	N2560E03850	25.60	38.50
N3050E05230	30.50	52.30	N3800E09300	38.00	93.00
N3000E05250	30.00	52.50	N4000E08500	40.00	85.00
N3000E05300	30.00	53.00	N4500E08700	45.00	87.00
N3008E05310	30.08	53.10	N3575E09550	35.75	95.50
N3197E05130	31.97	51.30	N3558E09713	35.58	97.13
N3190E05110	31.90	51.10	N3530E09850	35.30	98.50
N3210E05115	32.10	51.15	N4250E07750	42.50	77.50
N3210E05165	32.10	51.65	N4140E07530	41.40	75.30
N3260E05140	32.60	51.40	N4110E07575	41.10	75.75
N3250E04750	32.50	47.50	N4080E07600	40.80	76.00
N4055E04510	40.55	45.10	N4180E07515	41.80	75.15
N3440E04520	34.40	45.20	N4200E07450	42.00	74.50
N3426E04625	34.26	46.25	N4220E07400	42.20	74.00
N3415E04670	34.15	46.70	N4220E07550	42.20	75.50
N3470E04650	34.70	46.50	N4350E07350	43.50	73.50
N3430E04815	34.30	48.15	N4550E07600	45.50	76.00
N3375E04885	33.75	48.85	N4620E09510	46.20	95.10
N3435E04860	34.35	48.60	N3850E10620	38.50	106.20
N3460E04910	34.60	49.10	N4280E09030	42.80	90.30
N3420E04980	34.20	49.80	N1300E10400	13.00	104.00
N3370E05015	33.70	50.15	N1800E09650	18.00	96.50
N3360E05075	33.60	50.75	N1750E09550	17.50	95.50
N3400E05060	34.00	50.60	N2610E06450	26.10	64.50
N3455E05080	34.55	50.80	N2620E06400	26.20	64.00
N3490E05060	34.90	50.60	N2670E06350	26.70	63.50
N3535E05050	35.35	50.50	N2705E06490	27.05	64.90
N3560N05050	35.60	50.50	N2705E06450	27.05	64.50
N3600E05000	36.00	50.00	N2700E06550	27.00	65.50
N3510E04410	35.10	44.10	N2700E06580	27.00	65.80
N3790E04750	37.90	47.50	N2650E09670	26.50	96.70
N3750E04550	37.50	45.50	N2755E08400	27.55	84.00
N3800E04000	38.00	40.00	N2784E08255	27.84	82.55
N3830N03190	38.30	31.90	N2805E08230	28.05	82.30
N3880E03330	38.80	33.30	N2850E06300	28.50	63.00
N3930E03450	39.30	34.50	N2870E06630	28.70	66.30
N4000E04430	40.00	44.30	N2815E08810	28.15	88.10
N4020E04780	40.20	47.80	N2800E08930	28.00	89.30
N4100E04750	41.00	47.50	N2850E08990	28.50	89.90

N2730E09750	27.30	97.50	N3330E08480	33.30	84.80
N2935E08900	29.35	89.00	N3310E08520	33.10	85.20
N3025E08450	30.25	84.50	N3280E08800	32.80	88.00
N3015E08370	30.15	83.70	N3315E08800	33.15	88.00
N3000E08350	30.00	83.50	N3300E08870	33.00	88.70
N2970E06745	29.70	67.45	N3230E08870	32.30	88.70
N3000E06500	30.00	65.00	N3222E08900	32.22	89.00
N3050E06150	30.50	61.50	N3150E10600	31.50	106.00
N3100E08330	31.00	83.30	N3420E09350	34.20	93.50
N3050E08860	30.50	88.60	N3430E06220	34.30	62.20
N3200E08820	32.00	88.20	N3575E08150	35.75	81.50
N3240E08810	32.40	88.10	N3610E08250	36.10	82.50
N3240E08740	32.40	87.40	N3310E10700	33.10	107.00
N3230E08660	32.30	86.60	N3660E09200	36.60	92.00
N3215E08680	32.15	86.80	N3750E08950	37.50	89.50
N3217E08620	32.17	86.20	N3760E07530	37.60	75.35
N3223E08585	32.23	85.85	N3710E06680	37.10	66.80
N3215E08500	32.15	85.00	N3910E07440	39.10	74.40
N3230E08385	32.30	83.85	N3805E08925	38.05	89.25
N3185E08310	31.85	83.10	N3865E09010	38.65	90.10
N3250E08320	32.50	83.20	N3820E09065	38.20	90.65
N3240E08290	32.40	82.90	N3720E09635	37.20	96.35
N3210E08300	32.10	83.00	N3720E09700	37.20	97.00
N3230E08220	32.30	82.20	N3670E09900	36.70	99.00
N3260E08225	32.60	82.25	N3660E09850	36.60	98.50
N3282E08220	32.82	82.20	N3820E10270	38.20	102.70
N3250E08130	32.50	81.30	N3900E10060	39.00	100.60
N3260E08155	32.60	81.55	N3875E09900	38.75	99.00
N3215E08000	32.15	80.00	N3840E09840	38.40	98.40
N3250E08000	32.50	80.00	N3890E09820	38.90	98.20
N3200E06700	32.00	67.00	N3857E09592	38.57	95.92
N3170E06570	31.70	65.70	N3900E09600	39.00	96.00
N3250E06100	32.50	61.00	N3975E09600	39.75	96.00
N3280E06160	32.80	61.60	N3930E09640	39.30	96.40
N3330E06200	33.30	62.00	N3900E09450	39.00	94.50
N3260E06815	32.60	68.15	N4000E09400	40.00	94.00
N3315E06830	33.15	68.30	N4020E07850	40.20	78.50
N3395E06900	33.95	69.00	N4043E07830	40.43	78.30
N3415E07200	34.15	72.00	N3960E07260	39.60	72.60
N3400E07480	34.00	74.80	N4050E07160	41.60	71.60
N3405E07765	34.05	77.65	N4150E07950	41.50	79.50
N3335E08060	33.35	80.60	N4180E08200	41.70	82.00
N3320E08140	33.20	81.40	N4200E08700	42.00	87.00
N3380E08200	33.80	82.00	N4120E08860	41.20	88.60
N3305E08250	33.05	82.50	N4186E08826	41.86	88.26
N3330E08270	33.30	82.70	N4204E08807	42.04	88.07
N3335E08305	33.35	83.05	N4167E08848	41.67	88.48
N3300E08400	33.00	84.00	N4184E09820	41.84	89.20
N3340E08420	33.40	84.20	N4280E08400	42.80	84.00
N3365E08440	33.65	84.40	N4380E08050	43.80	80.50

N4350E08800	43.50	88.00	N5430E13350	54.30	133.50
N4366E09284	43.66	92.84	N6300E13500	63.00	135.00
N4340E09420	43.40	94.20	N5960E14700	59.60	147.00
N4385E09473	43.85	94.73	N6030E14700	60.30	147.00
N4270E09800	42.70	98.00	N2750E05840	27.50	58.40
N4350E09800	43.50	98.00	N2790E05350	27.90	53.50
N4325E09850	43.25	98.50	N2940E05400	29.40	54.00
N4335E09880	43.35	98.80	N2900E05500	29.00	55.00
N4242E09932	42.50	99.50	N2930E05590	29.30	55.90
N4100E10750	41.00	107.50	N2900E05900	29.00	59.00
N4050E11100	40.50	111.00	N3070E05550	30.70	55.50
N4250E10600	42.50	106.00	N3100E05350	31.00	53.50
N4250E10520	42.50	105.20	N3250E05250	32.50	52.50
N4355E10320	43.55	103.20	N3200E05400	32.00	54.00
N4330E10270	43.30	102.70	N3200E05500	32.00	55.00
N4285E10330	42.85	103.30	N3100E05550	31.00	55.50
N4385E10050	43.85	100.50	N3100E05600	31.00	56.00
N4420E10175	44.20	101.75	N3080E05850	30.80	58.50
N4430E09800	44.30	98.00	N3275E05750	32.75	57.50
N4450E09850	44.50	98.50	N3320E05700	33.20	57.00
N4450E09670	44.50	96.70	N3275E05375	32.75	53.75
N4550E09250	45.50	92.50	N3315E05460	33.15	54.60
N4550E09100	45.50	91.00	N3350E05550	33.50	55.50
N4620E08500	46.20	85.00	N3350E05250	33.50	52.50
N4670E09300	46.70	93.00	N3450E05200	34.50	52.00
N4725E09275	47.25	92.75	N3500E05200	35.00	52.00
N4680E09450	46.80	94.50	N3450E05750	34.50	57.50
N4575E09710	45.75	97.10	N3500E05750	35.00	57.50
N4630E09750	46.30	97.50	N3600E05480	36.00	54.80
N4550E09950	45.50	99.50	N3670E05650	36.70	56.50
N4530E09900	45.30	99.00	N3800E06000	38.00	60.00
N4500E09900	45.00	99.00	N2700E08000	27.00	80.00
N4930E09300	49.30	93.00	N2700E09400	27.00	94.00
N4765E09350	47.65	93.50	N2850E07040	28.50	70.40
N4800E09200	48.00	92.00	N3710E05700	37.10	57.00
N4730E08680	47.30	86.80	N3730E05680	37.30	56.80
N4680E08600	46.80	86.00	N4500E06000	45.00	60.00
N4650E08130	46.50	81.30	N3715E08800	37.15	88.00
N4850E07800	48.50	78.00	N3790E09510	37.90	95.10
N4885E07950	48.85	79.50	N3430E07070	34.30	70.70
N4800E08400	48.00	84.00	N3380E07200	33.80	72.00
N4950E09050	49.50	90.50	N4650E09400	46.50	94.00
N5050E09250	50.50	92.50	N4343E09484	43.43	94.84
N5020E09100	50.20	91.00	N4000E10200	40.00	102.00
N5000E08850	50.00	88.50	N4300E08500	43.00	85.00
N5160E09250	51.60	92.50	N4230E10125	42.30	101.25
N5125E10830	51.25	108.30	N3940E10350	39.40	103.50
N5200E10600	52.00	106.00	N3500E05500	35.00	55.00
N4950E13650	49.50	136.50	N5000E13600	50.00	136.00
N5070E13400	50.70	134.00	N4840E13420	48.40	134.20

N1550E10050	15.50	100.50	N3240E08920	32.40	89.20
N4070E06850	40.70	68.50	N3232E08940	32.32	89.40
N3030E07790	30.30	77.90	N3220E08940	32.20	89.40
N3550E09650	35.50	96.50	N3250E09010	32.50	90.10
N6250E15300	62.50	153.00	N3400E06120	34.00	61.20
N4725E09600	47.25	96.00	N3275E06020	32.75	60.20
N4930E13480	49.30	134.80	N3250E05925	32.50	59.25
N6510E17150	65.10	171.50	N3220E05890	32.20	58.90
N6425E17620	64.25	176.20	N3210E05855	32.10	58.55
N3325E08720	33.25	87.20	N4000E07790	40.00	77.90
N3340E08690	33.40	86.90	N4340E10475	43.40	104.75
N3315E08733	33.15	87.33	N4370E10430	43.70	104.30
N3290E08670	32.90	86.70	N4510E09555	45.10	95.55
N3263E08655	32.63	86.55	N4545E09555	45.45	95.55
N3260E08625	32.60	86.25	N4521E09560	45.21	95.60
N3275E08695	32.75	86.95	N4650E08310	46.50	83.10
N3290E08720	32.90	87.20	N4285E13040	42.85	130.40
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N3355E08750	33.55	87.50			