

NDPSC Bin Capacity Chart

Exam Date:01/23/2018
 Examiner: 1

Richland IFC
 100 10th Street North
 Breckenridge , MN
 County:

Status	Section	Bin Number	Bin Type	Base Point	Diameter or Bu/Ft (Irreg).		Side wall	Add for Hopper	Ded. for Obst.	Effective Depth	Add for Peak	Depth for Capac.	Bushels per Foot	Base Pack%	Bushel Capacity with Pack	
					Length	Width										
Section: A																
	A	001	Irregular		47.060	7.651	7.651	40.00	2.25	0.00	42.250	0.000	42.3	47.0	4.00	2,071
	A	002	Irregular		47.060	7.651	7.651	40.00	2.25	0.00	42.250	0.000	42.3	47.0	4.00	2,071
	A	003	Irregular		47.060	7.651	7.651	40.00	2.25	0.00	42.250	0.000	42.3	47.0	4.00	2,071
	A	004	Irregular		22.520	5.293	5.293	40.00	2.30	0.00	42.300	0.000	42.3	22.5	2.00	972
	A	005	Irregular		47.060	7.651	7.651	40.00	2.25	0.00	42.250	0.000	42.3	47.0	4.00	2,071
	A	006	Irregular		47.060	7.651	7.651	40.00	2.25	0.00	42.250	0.000	42.3	47.0	4.00	2,071
	A	007	Irregular		47.060	7.651	7.651	40.00	2.25	0.00	42.250	0.000	42.3	47.0	4.00	2,071
	A	008	Irregular		47.060	7.651	7.651	40.00	2.25	0.00	42.250	0.000	42.3	47.0	4.00	2,071
	A	009	Irregular		22.520	5.293	5.293	40.00	1.40	0.00	41.400	0.000	41.4	22.5	2.00	951
	A	010	Irregular		22.520	5.293	5.293	40.00	1.40	0.00	41.400	0.000	41.4	22.5	2.00	951
	A	011	Irregular		22.520	5.293	5.293	40.00	1.40	0.00	41.400	0.000	41.4	22.5	2.00	951
	A	012	Irregular		22.520	5.293	5.293	40.00	1.40	0.00	41.400	0.000	41.4	22.5	2.00	951
	A	013	Irregular		22.520	5.293	5.293	40.00	1.40	0.00	41.400	0.000	41.4	22.5	2.00	951
	A	014	Irregular		22.520	5.293	5.293	40.00	1.40	0.00	41.400	0.000	41.4	22.5	2.00	951
	A	015	Irregular		47.060	7.651	7.651	40.00	2.25	0.00	42.250	0.000	42.3	47.0	4.00	2,071
	A	016	Irregular		47.060	7.651	7.651	40.00	2.25	0.00	42.250	0.000	42.3	47.0	4.00	2,071
	A	017	Irregular		47.060	7.651	7.651	40.00	2.25	0.00	42.250	0.000	42.3	47.0	4.00	2,071
	A	018	Irregular		22.520	5.293	5.293	40.00	2.30	0.00	42.300	0.000	42.3	22.5	2.00	972
	A	019	Irregular		22.520	5.293	5.293	40.00	2.30	0.00	42.300	0.000	42.3	22.5	2.00	972
	A	020	Irregular		47.060	7.651	7.651	40.00	2.25	0.00	42.250	0.000	42.3	47.0	4.00	2,071
	A	021	Irregular		47.060	7.651	7.651	40.00	2.25	0.00	42.250	0.000	42.3	47.0	4.00	2,071
	A	022	Irregular		47.060	7.651	7.651	40.00	2.25	0.00	42.250	0.000	42.3	47.0	4.00	2,071
	A	023	Irregular		47.060	7.651	7.651	40.00	2.25	0.00	42.250	0.000	42.3	47.0	4.00	2,071

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Richland IFC
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Examiner: 1

Status	Section	Bin Number	Bin Type	Base Point	Diameter or Bu/Ft (Irreg).		Side wall	Add for Hopper	Ded. for Obst.	Effective Depth	Add for Peak	Depth for Capac.	Bushels per Foot	Base Pack%	Bushel Capacity with Pack		
					Length	Width											
	A	024	Peaked	top of sidewall	29.900	0.000	0.000	22.25	10.00	0.00	32.250	1.800	34.1	564.4	9.00	20,978	
	A	025	Peaked	top of sidewall	29.900	0.000	0.000	22.25	10.00	0.00	32.250	1.800	34.1	564.4	9.00	20,978	
	A	101	Peaked	top sidewall	15.000	0.000	0.000	15.00	2.20	0.00	17.200	0.900	18.1	142.1	5.50	2,713	
	A	102	Peaked	top sidewall	15.000	0.000	0.000	15.00	2.20	0.00	17.200	0.900	18.1	142.1	5.50	2,713	
	A	104	Peaked	top of sidewall	16.000	0.000	0.000	10.00	2.50	0.00	12.500	1.000	13.5	161.6	5.80	2,309	
	A	105	Peaked	top of sidewall	16.000	0.000	0.000	10.00	2.50	0.00	12.500	1.000	13.5	161.6	5.80	2,309	
	A	106	Flat	bag storage	0.000	36.00	36.00	3.500	0.00	0.00	3.500	0.000	3.5	1041.8	10.0	4,011	
	A	107	Flat	bag storage	0.000	90.00	45.00	4.500	0.00	0.00	4.500	0.000	4.5	3255.6	10.0	16,115	
	A	201	Peaked	top of sidewall	16.000	0.000	0.000	20.00	2.30	0.00	22.300	1.000	23.3	161.6	5.80	3,983	
	A	202	Peaked	top of sidewall	16.000	0.000	0.000	20.00	2.30	0.00	22.300	1.000	23.3	161.6	5.80	3,983	
	A	203	Peaked	top of sidewall	16.000	0.000	0.000	20.00	2.30	0.00	22.300	1.000	23.3	161.6	5.80	3,983	
	A	204	Peaked	top of sidewall	16.000	0.000	0.000	20.00	2.30	0.00	22.300	1.000	23.3	161.6	5.80	3,983	
	A	205	Peaked	top of sidewall	16.000	0.000	0.000	20.00	2.30	0.00	22.300	1.000	23.3	161.6	5.80	3,983	
	A	206	Peaked	top of sidewall	16.000	0.000	0.000	20.00	2.30	0.00	22.300	1.000	23.3	161.6	5.80	3,983	
	A	207	Peaked	top of sidewall	15.500	0.000	0.000	15.00	2.30	0.00	17.300	0.900	18.2	151.7	5.50	2,913	
	A	208	Peaked	top of sidewall	15.500	0.000	0.000	15.00	2.30	0.00	17.300	0.900	18.2	151.7	5.50	2,913	
	A	301	Flat	bag storage	0.000	186.0	64.50	4.500	0.00	0.00	4.500	0.000	4.5	9643.9	10.0	47,738	
Added	A	HB07	Peaked	top of sidewall	16.000	0.000	0.000	30.00	2.35	0.00	32.350	1.000	33.4	161.6	5.80	5,710	
Added	A	HB08	Peaked	top of sidewall	16.000	0.000	0.000	30.00	2.35	0.00	32.350	1.000	33.4	161.6	5.80	5,710	
Added	A	HB09	Peaked	top of sidewall	16.000	0.000	0.000	30.00	2.35	0.00	32.350	1.000	33.4	161.6	5.80	5,710	
Added	A	HB10	Peaked	top of sidewall	16.000	0.000	0.000	30.00	2.35	0.00	32.350	1.000	33.4	161.6	5.80	5,710	
Bin count:		44														Facility: Dwight Section: A Total:	210,044
															To Even:	211,000	

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					Length	Width											
Section: B																	
Added	B	103	Peaked	Barlow Tank	48.000	0.000	0.000	58.70	0.00	0.00	58.700	3.400	62.1	1454.6	10.0	99,364	
	B	108	Peaked	Barlow Tank	42.000	0.000	0.000	26.00	0.00	0.00	26.000	2.500	28.5	1113.7	10.0	34,914	
	B	109	Peaked	Barlow Tank	42.000	0.000	0.000	26.00	0.00	0.00	26.000	2.500	28.5	1113.7	10.0	34,914	
Bin count:		3													Facility: Dwight Section: B Total:		169,192
															To Even:	170,000	

Section: G																	
Added	G	014	Peaked	Gorders	42.000	0.000	0.000	25.70	0.00	0.00	25.700	2.500	28.2	1113.7	10.0	34,547	
Added	G	015	Peaked	Gorders	42.000	0.000	0.000	25.70	0.00	0.00	25.700	2.500	28.2	1113.7	10.0	34,547	
Added	G	016	Peaked	Gorders	42.000	0.000	0.000	25.70	0.00	0.00	25.700	2.500	28.2	1113.7	10.0	34,547	
Added	G	017	Peaked	Gorders	42.000	0.000	0.000	25.70	0.00	0.00	25.700	2.500	28.2	1113.7	10.0	34,547	
Added	G	018	Peaked	Gorders	42.000	0.000	0.000	25.70	0.00	0.00	25.700	2.500	28.2	1113.7	10.0	34,547	
Added	G	019	Peaked	Gorders	42.000	0.000	0.000	25.70	0.00	0.00	25.700	2.500	28.2	1113.7	10.0	34,547	
Added	G	020	Peaked	Gorders	42.000	0.000	0.000	25.70	0.00	0.00	25.700	2.500	28.2	1113.7	10.0	34,547	
Added	G	021	Peaked	Gorders	42.000	0.000	0.000	25.70	0.00	0.00	25.700	2.500	28.2	1113.7	10.0	34,547	
Bin count:		8													Facility: Dwight Section: G Total:		276,376
															To Even:	277,000	

Section: S																
	S	001	Peaked	Sherven's	25.500	0.000	0.000	16.50	0.00	0.00	16.500	1.500	18.0	410.5	8.00	7,980
	S	002	Peaked	Sherven's	26.500	0.000	0.000	18.67	0.00	0.00	18.670	1.600	20.3	443.4	8.20	9,739
	S	003	Peaked	Sherven's	26.500	0.000	0.000	18.67	0.00	0.00	18.670	1.600	20.3	443.4	8.20	9,739

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Status	Section	Bin Number	Bin Type	Base Point	Diameter or Bu/Ft (Irreg.)		Side wall	Add for Hopper	Ded. for Obst.	Effective Depth	Add for Peak	Depth for Capac.	Bushels per Foot	Base Pack%	Bushel Capacity with Pack	
					Length	Width				Depth						
	S	004	Peaked	Sherven's	26.500	0.000	0.000	18.67	0.00	0.00	18.670	1.600	20.3	443.4	8.20	9,739
	S	005	Peaked	Sherven's	25.500	0.000	0.000	16.50	0.00	0.00	16.500	1.500	18.0	410.5	8.00	7,980
	S	006	Peaked	Sherven's	26.500	0.000	0.000	17.67	0.00	0.00	17.670	1.600	19.3	443.4	8.20	9,260
	S	007	Peaked	Sherven's	26.900	0.000	0.000	18.20	0.00	0.00	18.200	1.600	19.8	456.9	8.50	9,816
	S	008	Peaked	Sherven's	26.900	0.000	0.000	18.20	0.00	0.00	18.200	1.600	19.8	456.9	8.50	9,816
	S	009	Peaked	Sherven's	26.900	0.000	0.000	18.20	0.00	0.00	18.200	1.600	19.8	456.9	8.50	9,816
	S	010	Round	Sherven's	22.900	0.000	0.000	30.00	0.00	0.00	30.000	0.000	30.0	331.1	7.50	10,678
	S	011	Peaked	Sherven's	23.940	0.000	0.000	29.40	0.00	0.00	29.400	1.400	30.8	361.8	7.80	12,012
	S	012	Peaked	Sherven's	35.900	0.000	0.000	24.60	0.00	0.00	24.600	2.200	26.8	813.7	10.0	23,988
	S	013	Peaked	Sherven's	35.900	0.000	0.000	24.60	0.00	0.00	24.600	2.200	26.8	813.7	10.0	23,988
	S	014	Peaked	Sherven's	41.850	0.000	0.000	28.25	0.00	0.00	28.250	2.500	30.8	1105.8	10.0	37,465
	S	015	Peaked	Sherven's	41.850	0.000	0.000	28.25	0.00	0.00	28.250	2.500	30.8	1105.8	10.0	37,465
	S	016	Peaked	Sherven's	41.850	0.000	0.000	28.25	0.00	0.00	28.250	2.500	30.8	1105.8	10.0	37,465
	S	017	Peaked	Sherven's	41.850	0.000	0.000	28.25	0.00	0.00	28.250	2.500	30.8	1105.8	10.0	37,465
	S	018	Peaked	Sherven's	30.000	0.000	0.000	21.40	0.00	0.00	21.400	1.800	23.2	568.2	9.00	14,368
	S	019	Peaked	Sherven's	30.000	0.000	0.000	21.40	0.00	0.00	21.400	1.800	23.2	568.2	9.00	14,368
Added	S	020	Peaked	Sherven's	47.850	0.000	0.000	28.25	0.00	0.00	28.250	2.900	31.2	1445.6	10.0	49,613
Added	S	021	Peaked	Sherven's	47.850	0.000	0.000	28.25	0.00	0.00	28.250	2.900	31.2	1445.6	10.0	49,613
Added	S	022	Peaked	Sherven's	47.850	0.000	0.000	28.25	0.00	0.00	28.250	2.900	31.2	1445.6	10.0	49,613

Bin count: 22

Facility: Dwight Section: S Total: **481,986**

To Even: **482,000**

Overall Licensed Bin Capacity for:

Richland IFC

Bin count: 77

Licensed Capacity:
(includes pack)

1,137,598 Bu.

Licensed Capacity (to even):
(includes pack and section totals are
rounded up to next highest 1000)

1,140,000 Bu.