

| dust-radius longitude | −162 | −144 | −126 | −108 | −90 | −72 | −54 | −36 | −18 | 0 | 18 | 36 | 54 | 72 | 90 | 108 | 126 | 144 | 162 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.6 | 0.4 | 0.4 | 0.35 | 0.29 | 0.31 | 0.26 | 0.34 | 0.55 | 0.4 | 0.31 | 0.34 | 0.45 | 0.4 | 0.53 | 0.45 | 0.39 | 0.33 | 0.46 | 0.52 |
| 0.7 | 0.9 | 0.67 | 0.55 | 0.52 | 0.57 | 0.46 | 0.69 | 1.08 | 0.71 | 0.55 | 0.74 | 0.87 | 0.82 | 1.34 | 1.07 | 0.81 | 0.64 | 0.81 | 0.71 |
| 0.8 | 1.38 | 1.03 | 0.86 | 0.89 | 0.91 | 0.68 | 1.19 | 1.79 | 1.18 | 0.97 | 1.13 | 1.73 | 1.69 | 2.13 | 1.54 | 1.09 | 1.07 | 1.34 | 0.86 |
| 0.9 | 1.67 | 1.26 | 1.17 | 0.98 | 1.38 | 0.88 | 1.32 | 2.17 | 1.54 | 1.21 | 1.39 | 2.34 | 2.23 | 2.34 | 1.87 | 1.24 | 1.53 | 1.79 | 1.27 |
| 1.0 | 1.89 | 1.56 | 1.32 | 1.14 | 1.65 | 0.91 | 1.19 | 2.17 | 1.74 | 1.4 | 1.55 | 2.53 | 2.57 | 2.44 | 2.04 | 1.43 | 1.54 | 1.96 | 1.41 |
| 1.1 | 1.5 | 1.7 | 1.66 | 1.39 | 1.44 | 0.82 | 1.06 | 1.92 | 1.57 | 1.37 | 1.54 | 1.95 | 2.3 | 2.56 | 1.95 | 1.19 | 1.67 | 1.65 | 1.92 |
| 1.2 | 1.42 | 1.49 | 1.44 | 1.35 | 1.2 | 0.79 | 0.84 | 1.36 | 1.21 | 1.17 | 1.58 | 1.53 | 1.77 | 2.33 | 1.88 | 1.23 | 1.55 | 1.63 | 1.81 |
| 1.3 | 1.05 | 1.19 | 1.05 | 0.98 | 0.97 | 0.66 | 0.68 | 1.11 | 0.95 | 0.82 | 1.23 | 1.09 | 1.3 | 1.77 | 1.21 | 0.75 | 1.0 | 0.84 | 1.06 |
| 1.4 | 0.56 | 0.61 | 0.62 | 0.56 | 0.53 | 0.47 | 0.48 | 0.69 | 0.52 | 0.45 | 0.81 | 0.57 | 0.79 | 0.91 | 0.73 | 0.42 | 0.52 | 0.42 | 0.56 |
| 1.5 | 0.29 | 0.34 | 0.35 | 0.33 | 0.33 | 0.21 | 0.2 | 0.3 | 0.22 | 0.2 | 0.24 | 0.27 | 0.28 | 0.31 | 0.29 | 0.2 | 0.23 | 0.21 | 0.25 |
| 1.7 | 0.28 | 0.3 | 0.32 | 0.29 | 0.28 | 0.26 | 0.23 | 0.25 | 0.21 | 0.17 | 0.19 | 0.27 | 0.24 | 0.31 | 0.32 | 0.25 | 0.24 | 0.22 | 0.26 |
| 1.8 | 0.49 | 0.46 | 0.46 | 0.49 | 0.6 | 0.56 | 0.66 | 0.61 | 0.4 | 0.38 | 0.38 | 0.43 | 0.5 | 0.73 | 0.71 | 0.5 | 0.53 | 0.43 | 0.6 |
| 1.9 | 0.82 | 0.79 | 0.8 | 0.73 | 0.78 | 0.66 | 0.67 | 0.77 | 0.59 | 0.53 | 0.53 | 0.7 | 0.77 | 1.18 | 0.93 | 0.62 | 0.73 | 0.58 | 0.94 |
| 2.0 | 0.97 | 1.05 | 1.18 | 1.13 | 0.98 | 0.77 | 0.8 | 0.86 | 0.86 | 0.77 | 0.78 | 1.08 | 1.1 | 1.25 | 1.27 | 0.84 | 0.85 | 0.63 | 0.9 |
| 2.1 | 1.02 | 1.07 | 1.16 | 1.02 | 0.95 | 0.86 | 0.96 | 0.94 | 0.83 | 0.71 | 0.69 | 1.1 | 1.25 | 1.22 | 1.39 | 0.89 | 0.91 | 0.67 | 1.03 |
| 2.2 | 0.94 | 0.98 | 1.06 | 0.91 | 0.93 | 0.83 | 0.96 | 0.98 | 0.86 | 0.62 | 0.58 | 1.02 | 1.43 | 1.1 | 1.15 | 0.95 | 0.81 | 0.64 | 1.03 |
| 2.3 | 0.77 | 0.96 | 0.86 | 0.78 | 0.68 | 0.68 | 0.79 | 0.78 | 0.67 | 0.42 | 0.44 | 0.88 | 1.1 | 0.97 | 1.03 | 0.71 | 0.62 | 0.6 | 0.91 |
| 2.4 | 0.68 | 0.81 | 0.8 | 0.64 | 0.63 | 0.5 | 0.52 | 0.66 | 0.44 | 0.31 | 0.34 | 0.65 | 0.69 | 0.72 | 0.71 | 0.45 | 0.45 | 0.61 | 0.71 |
| 2.5 | 0.5 | 0.6 | 0.53 | 0.39 | 0.38 | 0.35 | 0.4 | 0.54 | 0.31 | 0.23 | 0.26 | 0.38 | 0.45 | 0.37 | 0.4 | 0.33 | 0.38 | 0.48 | 0.63 |
| 2.6 | 0.39 | 0.42 | 0.38 | 0.25 | 0.23 | 0.2 | 0.21 | 0.23 | 0.24 | 0.18 | 0.21 | 0.32 | 0.31 | 0.26 | 0.27 | 0.23 | 0.26 | 0.32 | 0.31 |
| 2.8 | 0.28 | 0.28 | 0.23 | 0.21 | 0.23 | 0.19 | 0.21 | 0.28 | 0.23 | 0.21 | 0.25 | 0.28 | 0.25 | 0.26 | 0.33 | 0.28 | 0.28 | 0.26 | 0.28 |
| 2.9 | 0.33 | 0.34 | 0.3 | 0.25 | 0.28 | 0.25 | 0.24 | 0.31 | 0.32 | 0.24 | 0.27 | 0.34 | 0.36 | 0.35 | 0.49 | 0.41 | 0.42 | 0.49 | 0.53 |
| 3.0 | 0.39 | 0.35 | 0.33 | 0.3 | 0.36 | 0.33 | 0.3 | 0.43 | 0.39 | 0.24 | 0.29 | 0.46 | 0.49 | 0.5 | 0.74 | 0.49 | 0.53 | 0.51 | 0.53 |
| 3.1 | 0.46 | 0.41 | 0.39 | 0.37 | 0.47 | 0.39 | 0.36 | 0.47 | 0.46 | 0.28 | 0.35 | 0.51 | 0.52 | 0.54 | 0.74 | 0.52 | 0.46 | 0.5 | 0.53 |
| 3.2 | 0.46 | 0.45 | 0.43 | 0.39 | 0.46 | 0.36 | 0.37 | 0.54 | 0.5 | 0.25 | 0.32 | 0.5 | 0.64 | 0.54 | 0.66 | 0.55 | 0.46 | 0.57 | 0.57 |
| 3.3 | 0.46 | 0.5 | 0.4 | 0.45 | 0.47 | 0.4 | 0.46 | 0.5 | 0.45 | 0.27 | 0.31 | 0.42 | 0.63 | 0.46 | 0.54 | 0.52 | 0.4 | 0.52 | 0.49 |
| 3.4 | 0.5 | 0.59 | 0.54 | 0.45 | 0.48 | 0.39 | 0.41 | 0.53 | 0.45 | 0.29 | 0.31 | 0.42 | 0.54 | 0.47 | 0.52 | 0.46 | 0.39 | 0.54 | 0.44 |
| 3.5 | 0.41 | 0.43 | 0.35 | 0.34 | 0.4 | 0.31 | 0.32 | 0.37 | 0.36 | 0.25 | 0.3 | 0.42 | 0.4 | 0.4 | 0.4 | 0.39 | 0.32 | 0.44 | 0.34 |
| 3.6 | 0.35 | 0.39 | 0.3 | 0.28 | 0.34 | 0.29 | 0.26 | 0.36 | 0.41 | 0.23 | 0.27 | 0.34 | 0.33 | 0.31 | 0.3 | 0.32 | 0.3 | 0.33 | 0.31 |
| 3.7 | 0.38 | 0.39 | 0.33 | 0.23 | 0.24 | 0.24 | 0.24 | 0.36 | 0.29 | 0.26 | 0.25 | 0.32 | 0.3 | 0.25 | 0.25 | 0.27 | 0.26 | 0.35 | 0.35 |
| 3.9 | 0.4 | 0.43 | 0.41 | 0.29 | 0.26 | 0.28 | 0.31 | 0.34 | 0.33 | 0.32 | 0.38 | 0.36 | 0.36 | 0.29 | 0.29 | 0.32 | 0.31 | 0.4 | 0.33 |
| 4.0 | 0.56 | 0.53 | 0.45 | 0.33 | 0.3 | 0.3 | 0.3 | 0.4 | 0.36 | 0.35 | 0.4 | 0.42 | 0.37 | 0.34 | 0.36 | 0.42 | 0.39 | 0.43 | 0.38 |
| 4.1 | 0.52 | 0.55 | 0.49 | 0.4 | 0.36 | 0.3 | 0.31 | 0.43 | 0.35 | 0.34 | 0.38 | 0.39 | 0.46 | 0.41 | 0.48 | 0.47 | 0.42 | 0.5 | 0.43 |
| 4.2 | 0.49 | 0.51 | 0.41 | 0.32 | 0.31 | 0.31 | 0.29 | 0.45 | 0.37 | 0.34 | 0.38 | 0.49 | 0.42 | 0.38 | 0.45 | 0.46 | 0.52 | 0.6 | 0.5 |
| 4.3 | 0.52 | 0.5 | 0.41 | 0.34 | 0.33 | 0.36 | 0.35 | 0.47 | 0.36 | 0.31 | 0.38 | 0.43 | 0.42 | 0.41 | 0.45 | 0.44 | 0.5 | 0.52 | 0.5 |
| 4.4 | 0.53 | 0.52 | 0.42 | 0.34 | 0.34 | 0.33 | 0.29 | 0.46 | 0.43 | 0.37 | 0.4 | 0.45 | 0.44 | 0.38 | 0.44 | 0.41 | 0.43 | 0.58 | 0.53 |
| 4.5 | 0.46 | 0.47 | 0.4 | 0.33 | 0.35 | 0.35 | 0.3 | 0.44 | 0.36 | 0.34 | 0.33 | 0.41 | 0.42 | 0.4 | 0.46 | 0.45 | 0.52 | 0.59 | 0.53 |
| 4.6 | 0.4 | 0.4 | 0.37 | 0.32 | 0.31 | 0.3 | 0.27 | 0.35 | 0.31 | 0.31 | 0.31 | 0.36 | 0.37 | 0.37 | 0.38 | 0.4 | 0.45 | 0.51 | 0.42 |
| 4.7 | 0.39 | 0.42 | 0.4 | 0.37 | 0.29 | 0.27 | 0.28 | 0.33 | 0.33 | 0.35 | 0.38 | 0.44 | 0.37 | 0.33 | 0.33 | 0.32 | 0.34 | 0.45 | 0.4 |
| 4.8 | 0.38 | 0.38 | 0.35 | 0.29 | 0.31 | 0.27 | 0.28 | 0.41 | 0.38 | 0.31 | 0.29 | 0.36 | 0.37 | 0.29 | 0.4 | 0.45 | 0.42 | 0.45 | 0.4 |
| 4.9 | 0.42 | 0.45 | 0.37 | 0.29 | 0.28 | 0.33 | 0.29 | 0.37 | 0.35 | 0.3 | 0.28 | 0.32 | 0.32 | 0.26 | 0.28 | 0.34 | 0.34 | 0.35 | 0.32 |

Table 1. MSE results for selected subset of lifted dust effective radius values and longitudes.