

Table 0-1. Combined $10^4 \times \sigma(r)$, assuming $r=0$ after 7 years of observation, keeping only the 28% cleanest part of the sky, assuming no decorrelation and observing efficiency in Chile same as at Pole.

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|------------|------------|------------|------------|------------|-----|
| 0 | | 6.3 | 5.0 | 4.5 | 4.0 | 3.5 |
| 6 | 12 | 5.5 | 4.7 | 4.3 | 3.9 | 3.5 |
| 9 | 8.7 | 5.1 | 4.5 | 4.1 | 3.8 | 3.4 |
| 12 | 7.1 | 4.8 | 4.3 | 4.0 | 3.7 | 3.4 |
| 18 | 5.7 | 4.4 | 4.1 | 3.8 | 3.6 | 3.3 |
| 30 | 4.4 | 3.9 | 3.7 | 3.6 | 3.4 | 3.2 |

Table 0-2. Same as top, but assuming 50% Chilean efficiency.

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|------------|------------|------------|------------|------------|-----|
| 0 | | 6.3 | 5.0 | 4.5 | 4.0 | 3.5 |
| 6 | 22 | 5.9 | 4.9 | 4.4 | 3.9 | 3.5 |
| 9 | 15 | 5.6 | 4.8 | 4.3 | 3.9 | 3.5 |
| 12 | 12 | 5.4 | 4.6 | 4.2 | 3.9 | 3.5 |
| 18 | 8.8 | 5.1 | 4.5 | 4.1 | 3.8 | 3.4 |
| 30 | 6.2 | 4.6 | 4.2 | 3.9 | 3.7 | 3.3 |

Table 0-3. Same as top, but assuming 1% unmodeled foreground residual uncertainty.

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|------------|------------|------------|------------|------------|-----|
| 0 | | 7.0 | 5.9 | 5.5 | 5.1 | 4.7 |
| 6 | 13 | 6.3 | 5.6 | 5.2 | 4.9 | 4.6 |
| 9 | 9.2 | 5.9 | 5.4 | 5.1 | 4.9 | 4.6 |
| 12 | 7.8 | 5.7 | 5.2 | 5.0 | 4.8 | 4.5 |
| 18 | 6.5 | 5.3 | 5.0 | 4.9 | 4.7 | 4.5 |
| 30 | 5.4 | 4.9 | 4.8 | 4.7 | 4.5 | 4.4 |

Table 0-4. Same as top, but assuming additional foreground decorrelation parameters.

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|------------|------------|------------|------------|------------|-----|
| 0 | | 8.4 | 6.7 | 6.0 | 5.2 | 4.4 |
| 6 | 16 | 7.3 | 6.2 | 5.6 | 5.0 | 4.3 |
| 9 | 12 | 6.8 | 5.9 | 5.4 | 4.9 | 4.3 |
| 12 | 9.7 | 6.4 | 5.7 | 5.3 | 4.8 | 4.2 |
| 18 | 7.8 | 5.8 | 5.3 | 5.0 | 4.6 | 4.1 |
| 30 | 6.0 | 5.1 | 4.8 | 4.6 | 4.3 | 4.0 |

Table 0-5. Same as top, but assuming we keep the 58% cleanest part of the full sky

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|------------|------------|------------|------------|------------|-----|
| 0 | | 6.3 | 5.0 | 4.5 | 4.0 | 3.5 |
| 6 | 11 | 5.4 | 4.6 | 4.2 | 3.8 | 3.5 |
| 9 | 8.0 | 5.0 | 4.4 | 4.1 | 3.7 | 3.4 |
| 12 | 6.6 | 4.6 | 4.2 | 3.9 | 3.6 | 3.3 |
| 18 | 5.3 | 4.2 | 3.9 | 3.7 | 3.5 | 3.2 |
| 30 | 4.1 | 3.6 | 3.5 | 3.4 | 3.2 | 3.1 |

Table 0-6. Combined $10^4 \times \sigma(r)$, assuming $r=0.003$ after 7 years of observation, keeping only the 28% cleanest part of the sky, assuming no decorrelation and observing efficiency in Chile same as at Pole.

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|------------|------------|------------|------------|------------|-----|
| 0 | | 9.1 | 7.8 | 7.2 | 6.7 | 6.1 |
| 6 | 14 | 7.9 | 7.2 | 6.8 | 6.4 | 5.9 |
| 9 | 11 | 7.4 | 6.8 | 6.5 | 6.2 | 5.8 |
| 12 | 9.0 | 7.0 | 6.5 | 6.3 | 6.0 | 5.7 |
| 18 | 7.6 | 6.4 | 6.1 | 5.9 | 5.7 | 5.5 |
| 30 | 6.3 | 5.8 | 5.6 | 5.5 | 5.4 | 5.2 |

Table 0-7. Same as top, but assuming 50% Chilean efficiency.

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|-----------|------------|------------|------------|------------|-----|
| 0 | | 9.1 | 7.8 | 7.2 | 6.7 | 6.1 |
| 6 | 24 | 8.5 | 7.5 | 7.0 | 6.5 | 6.1 |
| 9 | 17 | 8.2 | 7.3 | 6.9 | 6.4 | 6.0 |
| 12 | 14 | 7.8 | 7.1 | 6.7 | 6.3 | 5.9 |
| 18 | 11 | 7.4 | 6.8 | 6.5 | 6.2 | 5.8 |
| 30 | 8.2 | 6.6 | 6.3 | 6.1 | 5.8 | 5.6 |

Table 0-8. Same as top, but assuming 1% unmodeled foreground residual uncertainty.

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|------------|------------|------------|------------|------------|-----|
| 0 | | 9.7 | 8.4 | 7.9 | 7.4 | 6.9 |
| 6 | 15 | 8.5 | 7.8 | 7.4 | 7.0 | 6.7 |
| 9 | 11 | 8.0 | 7.4 | 7.1 | 6.8 | 6.5 |
| 12 | 9.7 | 7.6 | 7.2 | 6.9 | 6.7 | 6.4 |
| 18 | 8.4 | 7.2 | 6.9 | 6.7 | 6.5 | 6.3 |
| 30 | 7.2 | 6.6 | 6.5 | 6.4 | 6.2 | 6.1 |

Table 0-9. Same as top, but assuming additional foreground decorrelation parameters.

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|------------|------------|------------|------------|------------|-----|
| 0 | | 11 | 9.4 | 8.6 | 7.7 | 7.0 |
| 6 | 18 | 9.6 | 8.6 | 8.0 | 7.4 | 6.8 |
| 9 | 14 | 9.0 | 8.2 | 7.8 | 7.2 | 6.7 |
| 12 | 12 | 8.5 | 7.9 | 7.5 | 7.1 | 6.6 |
| 18 | 9.7 | 7.9 | 7.4 | 7.1 | 6.8 | 6.4 |
| 30 | 7.9 | 7.0 | 6.8 | 6.6 | 6.4 | 6.1 |

Table 0-10. Same as top, but assuming we keep the 58% cleanest part of the full sky

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|------------|------------|------------|------------|------------|-----|
| 0 | | 9.0 | 7.7 | 7.1 | 6.5 | 5.7 |
| 6 | 13 | 7.7 | 6.9 | 6.5 | 6.2 | 5.8 |
| 9 | 9.7 | 7.0 | 6.5 | 6.2 | 5.9 | 5.6 |
| 12 | 8.2 | 6.5 | 6.1 | 5.9 | 5.7 | 5.4 |
| 18 | 6.8 | 5.9 | 5.7 | 5.5 | 5.3 | 5.1 |
| 30 | 5.6 | 5.2 | 5.1 | 5.0 | 4.9 | 4.7 |

Table 0-11. Combined $10^4 \times 95$ percent C.L., for $r=0$ after 7 years of observation, keeping only the 28% cleanest part of the sky, assuming no decorrelation and observing efficiency in Chile same as at Pole.

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|-----------|-----------|------------|------------|------------|-----|
| 0 | | 14 | 11 | 9.7 | 8.6 | 7.6 |
| 6 | 26 | 12 | 10 | 9.1 | 8.3 | 7.4 |
| 9 | 18 | 11 | 9.6 | 8.8 | 8.1 | 7.3 |
| 12 | 15 | 10 | 9.2 | 8.6 | 7.9 | 7.2 |
| 18 | 12 | 9.3 | 8.6 | 8.2 | 7.7 | 7.1 |
| 30 | 9.3 | 8.1 | 7.8 | 7.5 | 7.2 | 6.8 |

Table 0-12. Same as top, but assuming 50% Chilean efficiency.

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|-----------|-----------|-----------|------------|------------|-----|
| 0 | | 14 | 11 | 9.7 | 8.6 | 7.6 |
| 6 | 46 | 13 | 10 | 9.4 | 8.5 | 7.5 |
| 9 | 31 | 12 | 10 | 9.2 | 8.4 | 7.5 |
| 12 | 24 | 12 | 9.9 | 9.1 | 8.3 | 7.4 |
| 18 | 19 | 11 | 9.5 | 8.8 | 8.1 | 7.3 |
| 30 | 13 | 9.6 | 8.8 | 8.3 | 7.8 | 7.1 |

Table 0-13. Same as top, but assuming 1% unmodeled foreground residual uncertainty.

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|-----------|-----------|-----------|-----------|-----------|-----|
| 0 | | 15 | 13 | 12 | 11 | 10 |
| 6 | 27 | 13 | 12 | 11 | 11 | 9.9 |
| 9 | 20 | 13 | 11 | 11 | 10 | 9.8 |
| 12 | 16 | 12 | 11 | 11 | 10 | 9.7 |
| 18 | 14 | 11 | 11 | 10 | 9.9 | 9.5 |
| 30 | 11 | 10 | 10 | 9.9 | 9.6 | 9.3 |

Table 0-14. Same as top, but assuming additional foreground decorrelation parameters.

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|-----------|-----------|-----------|-----------|-----------|-----|
| 0 | | 18 | 15 | 13 | 11 | 9.5 |
| 6 | 34 | 16 | 13 | 12 | 11 | 9.3 |
| 9 | 25 | 14 | 13 | 12 | 10 | 9.2 |
| 12 | 21 | 14 | 12 | 11 | 10 | 9.1 |
| 18 | 16 | 12 | 11 | 11 | 9.8 | 8.8 |
| 30 | 13 | 11 | 10 | 9.8 | 9.2 | 8.5 |

Table 0-15. Same as top, but assuming we keep the 58% cleanest part of the full sky

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|-----------|------------|------------|------------|------------|-----|
| 0 | | 14 | 11 | 9.7 | 8.6 | 7.6 |
| 6 | 24 | 12 | 9.9 | 9.0 | 8.2 | 7.4 |
| 9 | 17 | 11 | 9.3 | 8.6 | 8.0 | 7.2 |
| 12 | 14 | 9.8 | 8.9 | 8.3 | 7.7 | 7.1 |
| 18 | 11 | 8.8 | 8.2 | 7.8 | 7.4 | 6.9 |
| 30 | 8.5 | 7.6 | 7.3 | 7.1 | 6.8 | 6.5 |

Table 0-16. Combined detection significance for $r=0.003$ after 7 years of observation, keeping only the 28% cleanest part of the sky, assuming no decorrelation and observing efficiency in Chile same as at Polee.

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|------------|------------|------------|------------|------------|-----|
| 0 | | 3.7 | 4.5 | 4.9 | 5.4 | 6.0 |
| 6 | 2.2 | 4.3 | 4.8 | 5.2 | 5.6 | 6.1 |
| 9 | 3.0 | 4.6 | 5.1 | 5.4 | 5.8 | 6.3 |
| 12 | 3.6 | 4.9 | 5.3 | 5.6 | 5.9 | 6.4 |
| 18 | 4.4 | 5.3 | 5.7 | 5.9 | 6.2 | 6.6 |
| 30 | 5.4 | 6.0 | 6.2 | 6.4 | 6.6 | 6.9 |

Table 0-17. Same as top, but assuming 50% Chilean efficiency.

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|------------|------------|------------|------------|------------|-----|
| 0 | | 3.7 | 4.5 | 4.9 | 5.4 | 6.0 |
| 6 | 1.3 | 4.0 | 4.6 | 5.0 | 5.5 | 6.0 |
| 9 | 1.9 | 4.2 | 4.8 | 5.1 | 5.5 | 6.1 |
| 12 | 2.4 | 4.3 | 4.9 | 5.2 | 5.6 | 6.1 |
| 18 | 3.0 | 4.6 | 5.1 | 5.4 | 5.8 | 6.3 |
| 30 | 4.0 | 5.2 | 5.5 | 5.8 | 6.1 | 6.5 |

Table 0-18. Same as top, but assuming 1% unmodeled foreground residual uncertainty.

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|------------|------------|------------|------------|------------|-----|
| 0 | | 3.5 | 4.1 | 4.4 | 4.8 | 5.2 |
| 6 | 2.2 | 4.0 | 4.4 | 4.7 | 5.0 | 5.3 |
| 9 | 2.9 | 4.2 | 4.6 | 4.8 | 5.1 | 5.4 |
| 12 | 3.4 | 4.5 | 4.8 | 5.0 | 5.2 | 5.5 |
| 18 | 4.0 | 4.7 | 5.0 | 5.1 | 5.4 | 5.6 |
| 30 | 4.7 | 5.2 | 5.3 | 5.4 | 5.6 | 5.8 |

Table 0-19. Same as top, but assuming additional foreground decorrelation parameters.

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|------------|------------|------------|------------|------------|-----|
| 0 | | 3.0 | 3.6 | 4.0 | 4.5 | 5.1 |
| 6 | 1.7 | 3.5 | 3.9 | 4.3 | 4.7 | 5.2 |
| 9 | 2.3 | 3.7 | 4.1 | 4.4 | 4.8 | 5.3 |
| 12 | 2.8 | 3.9 | 4.3 | 4.6 | 4.9 | 5.4 |
| 18 | 3.4 | 4.3 | 4.6 | 4.8 | 5.1 | 5.6 |
| 30 | 4.2 | 4.8 | 5.0 | 5.2 | 5.5 | 5.8 |

Table 0-20. Same as top, but assuming we keep the 58% cleanest part of the full sky

| Chile\Pole | 0 | 6 | 9 | 12 | 18 | 30 |
|------------|------------|------------|------------|------------|------------|-----|
| 0 | | 3.8 | 4.5 | 5.0 | 5.3 | 6.2 |
| 6 | 2.4 | 4.4 | 5.0 | 5.4 | 5.8 | 6.3 |
| 9 | 3.3 | 4.9 | 5.3 | 5.6 | 6.0 | 6.5 |
| 12 | 4.0 | 5.2 | 5.6 | 5.9 | 6.2 | 6.7 |
| 18 | 4.9 | 5.8 | 6.1 | 6.3 | 6.6 | 7.0 |
| 30 | 6.1 | 6.6 | 6.8 | 7.0 | 7.2 | 7.5 |