

GxE Means (Fixed) in T/HA or the BLUEs

|    | METNO  | Fixed Name                      | Los Baños | Rank | San Mateo | Rank | RTR  | Rank | Ubay | Rank | Muñoz | Rank | ACROSS | ARANK |
|----|--------|---------------------------------|-----------|------|-----------|------|------|------|------|------|-------|------|--------|-------|
| 1  | MT6256 | PR41027-B-B-1                   | 5.01      | 4    | 6.88      | 1    | 7.26 | 4    | 4.89 | 4    | 4.12  | 3    | 5.63   | 1     |
| 2  | MT6204 | IR98054H                        | 5.14      | 3    | 6.62      | 7    | 7.43 | 1    | 4.87 | 5    | 3.84  | 12   | 5.58   | 2     |
| 3  | MT6205 | IR98058H                        | 5.16      | 1    | 6.47      | 17   | 7.27 | 3    | 4.90 | 3    | 3.94  | 5    | 5.55   | 3     |
| 4  | MT6154 | IR12N142                        | 5.14      | 2    | 6.45      | 19   | 7.22 | 5    | 5.01 | 1    | 3.73  | 17   | 5.51   | 4     |
| 5  | MT6311 | PR39502-13-7-88                 | 4.69      | 13   | 6.71      | 4    | 7.14 | 6    | 4.98 | 2    | 3.64  | 26   | 5.43   | 5     |
| 6  | MT6166 | IR13N144                        | 4.51      | 28   | 6.68      | 6    | 6.91 | 22   | 4.78 | 7    | 3.87  | 10   | 5.35   | 6     |
| 7  | MT6161 | IR13A273                        | 4.44      | 33   | 6.76      | 3    | 7.11 | 9    | 4.65 | 10   | 3.64  | 25   | 5.32   | 7     |
| 8  | MT6227 | GSR IR2-5-L10-Y1-Y2             | 5.00      | 5    | 6.62      | 8    | 6.84 | 29   | 4.33 | 38   | 3.79  | 14   | 5.32   | 8     |
| 9  | MT6115 | IR12A229                        | 4.67      | 17   | 6.56      | 12   | 7.01 | 16   | 4.68 | 9    | 3.66  | 22   | 5.31   | 9     |
| 10 | MT6331 | 14DS-GMET-4                     | 3.96      | 95   | 6.37      | 24   | 7.06 | 11   | 4.59 | 14   | 4.44  | 1    | 5.28   | 10    |
| 11 | MT6121 | IR12A173                        | 4.93      | 8    | 6.39      | 23   | 6.90 | 23   | 4.46 | 25   | 3.63  | 27   | 5.26   | 11    |
| 12 | MT6125 | IR12N146                        | 4.83      | 10   | 6.50      | 15   | 6.80 | 35   | 4.49 | 24   | 3.65  | 23   | 5.25   | 12    |
| 13 | MT6312 | PR39502-13-7-98                 | 4.20      | 59   | 6.55      | 13   | 7.08 | 10   | 4.53 | 20   | 3.88  | 9    | 5.25   | 13    |
| 14 | MT6031 | IR 87761-61-3-1-1               | 4.14      | 68   | 6.18      | 44   | 7.32 | 2    | 4.61 | 13   | 3.74  | 16   | 5.20   | 14    |
| 15 | MT6309 | PR395008-5-59-2                 | 4.33      | 42   | 6.45      | 18   | 6.99 | 17   | 4.39 | 30   | 3.81  | 13   | 5.19   | 15    |
| 16 | MT6030 | IR 88964-11-2-2-4               | 4.33      | 43   | 6.57      | 10   | 6.96 | 18   | 4.37 | 32   | 3.70  | 18   | 5.19   | 16    |
| 17 | MT6061 | IRRI 147                        | 4.67      | 16   | 6.18      | 46   | 7.05 | 12   | 4.37 | 31   | 3.65  | 24   | 5.18   | 17    |
| 18 | MT6214 | GSR IR2-5-L10-U1-R2             | 4.48      | 29   | 6.30      | 30   | 6.61 | 57   | 4.44 | 27   | 3.91  | 6    | 5.14   | 18    |
| 19 | MT6103 | IR12A200                        | 4.99      | 6    | 6.59      | 9    | 6.67 | 49   | 4.23 | 50   | 3.22  | 92   | 5.14   | 19    |
| 20 | MT6213 | GSR IR2-9-R1-SU3-R2             | 4.16      | 64   | 6.51      | 14   | 7.14 | 7    | 4.50 | 22   | 3.30  | 75   | 5.12   | 20    |
| 21 | MT6149 | IR12A288                        | 4.45      | 31   | 6.30      | 29   | 6.56 | 72   | 4.63 | 12   | 3.62  | 31   | 5.11   | 21    |
| 22 | MT6120 | IR12N207                        | 4.25      | 51   | 6.33      | 26   | 6.94 | 19   | 4.57 | 16   | 3.40  | 57   | 5.10   | 22    |
| 23 | MT6183 | IR12N240                        | 4.13      | 72   | 6.87      | 2    | 7.13 | 8    | 4.18 | 59   | 3.14  | 116  | 5.09   | 23    |
| 24 | MT6249 | GSR IR1-1-S9-D1-Y1-L2           | 4.21      | 57   | 6.25      | 36   | 6.82 | 30   | 4.19 | 57   | 3.98  | 4    | 5.09   | 24    |
| 25 | MT6282 | PR42837-NSIC Rc222-DR-21        | 4.52      | 27   | 6.12      | 59   | 6.92 | 21   | 4.65 | 11   | 3.25  | 88   | 5.09   | 25    |
| 26 | MT6025 | IR 92545-10-1-1-4               | 4.68      | 14   | 6.05      | 72   | 6.84 | 28   | 4.43 | 28   | 3.43  | 53   | 5.08   | 26    |
| 27 | MT6219 | GSR IR2-8-Y14-SU3-R2            | 4.61      | 19   | 6.25      | 34   | 6.67 | 51   | 4.30 | 44   | 3.56  | 35   | 5.08   | 27    |
| 28 | MT6332 | 14DS-GMET-6                     | 4.58      | 23   | 6.43      | 20   | 6.80 | 32   | 4.09 | 73   | 3.47  | 48   | 5.07   | 28    |
| 29 | MT6059 | IR11T230                        | 4.97      | 7    | 6.20      | 41   | 6.54 | 78   | 3.99 | 104  | 3.60  | 33   | 5.06   | 29    |
| 30 | MT6335 | 14DS-GMET-19                    | 4.31      | 45   | 6.17      | 48   | 6.78 | 36   | 4.40 | 29   | 3.61  | 32   | 5.06   | 30    |
| 31 | MT6086 | IR 101465-10:6                  | 4.07      | 80   | 6.40      | 21   | 7.01 | 15   | 4.29 | 45   | 3.51  | 43   | 5.06   | 31    |
| 32 | MT6252 | GSR IR1-18-D4-Y1-L2-L1          | 4.66      | 18   | 5.95      | 92   | 6.58 | 68   | 4.76 | 8    | 3.20  | 100  | 5.03   | 32    |
| 33 | MT6223 | GSR IR2-7-Y11-SU3-Y2            | 4.58      | 22   | 6.32      | 28   | 6.55 | 73   | 4.32 | 40   | 3.33  | 66   | 5.02   | 33    |
| 34 | MT6228 | GSR IR2-8-Y5-SU1-L2             | 4.86      | 9    | 6.06      | 70   | 6.58 | 69   | 3.97 | 109  | 3.62  | 29   | 5.02   | 34    |
| 35 | MT6288 | PR 37464-31-3-2-2-2-3-1-B-3-1-1 | 3.98      | 92   | 6.56      | 11   | 6.61 | 59   | 4.04 | 89   | 3.86  | 11   | 5.01   | 35    |
| 36 | MT6169 | IR12A236                        | 4.25      | 50   | 6.32      | 27   | 6.68 | 45   | 4.50 | 23   | 3.28  | 78   | 5.01   | 36    |
| 37 | MT6326 | PR 40742-30-3-2-3-B             | 4.58      | 21   | 6.15      | 53   | 6.71 | 39   | 4.58 | 15   | 2.98  | 149  | 5.00   | 37    |
| 38 | MT6076 | IR11T231                        | 4.52      | 26   | 6.02      | 81   | 6.33 | 128  | 4.52 | 21   | 3.53  | 39   | 4.99   | 38    |
| 39 | MT6231 | GSR IR1-1-D1-D1-Y1-D3           | 4.35      | 41   | 6.09      | 63   | 6.54 | 76   | 4.03 | 92   | 3.89  | 8    | 4.98   | 39    |
| 40 | MT6034 | IR 91339-17-1-2-3               | 4.68      | 15   | 5.95      | 91   | 6.46 | 94   | 4.81 | 6    | 2.98  | 151  | 4.98   | 40    |
| 41 | MT6080 | IR13T148                        | 4.19      | 61   | 6.25      | 33   | 6.61 | 58   | 4.31 | 43   | 3.50  | 44   | 4.97   | 41    |
| 42 | MT6137 | IR12N198                        | 4.61      | 20   | 6.28      | 31   | 6.53 | 83   | 3.81 | 150  | 3.62  | 30   | 4.97   | 42    |
| 43 | MT6234 | GSR IR1-1-S11-L1-Y1-D2          | 4.24      | 55   | 6.03      | 76   | 6.43 | 108  | 4.34 | 37   | 3.77  | 15   | 4.96   | 43    |
| 44 | MT6036 | IR 91298-1-1-4-2                | 4.72      | 12   | 5.93      | 95   | 6.71 | 38   | 4.02 | 95   | 3.42  | 55   | 4.96   | 44    |
| 45 | MT6182 | IR11A314                        | 4.06      | 84   | 6.12      | 58   | 6.94 | 20   | 4.31 | 42   | 3.33  | 65   | 4.95   | 45    |
| 46 | MT6083 | IR 101465-12:4                  | 4.25      | 52   | 6.02      | 79   | 6.62 | 56   | 3.95 | 114  | 3.89  | 7    | 4.95   | 46    |
| 47 | MT6195 | IR106616H                       | 3.93      | 98   | 6.18      | 45   | 6.86 | 24   | 4.57 | 17   | 3.18  | 105  | 4.94   | 47    |
| 48 | MT6158 | IR12N168                        | 3.96      | 94   | 6.16      | 51   | 6.86 | 25   | 4.34 | 36   | 3.31  | 70   | 4.93   | 48    |
| 49 | MT6198 | IR90878H                        | 4.10      | 78   | 6.35      | 25   | 6.82 | 31   | 4.03 | 90   | 3.33  | 64   | 4.93   | 49    |
| 50 | MT6241 | GSR IR1-18-D4-Y1-SU1-L2         | 4.53      | 25   | 6.00      | 86   | 6.80 | 33   | 4.23 | 52   | 3.06  | 133  | 4.92   | 50    |
| 51 | MT6016 | IR 11C208                       | 4.44      | 32   | 6.04      | 75   | 6.60 | 63   | 4.14 | 63   | 3.38  | 59   | 4.92   | 51    |
| 52 | MT6108 | IR12A177                        | 4.42      | 34   | 5.01      | 274  | 6.49 | 90   | 4.23 | 51   | 4.37  | 2    | 4.90   | 52    |
| 53 | MT6027 | IR 92494-68-2-1-3               | 3.86      | 111  | 6.23      | 38   | 6.85 | 26   | 4.20 | 55   | 3.35  | 61   | 4.90   | 53    |
| 54 | MT6148 | IR12A105                        | 3.64      | 140  | 6.14      | 54   | 6.71 | 41   | 4.56 | 19   | 3.31  | 69   | 4.87   | 54    |
| 55 | MT6140 | IR12A206                        | 4.24      | 54   | 6.19      | 42   | 6.85 | 27   | 3.98 | 107  | 3.09  | 121  | 4.87   | 55    |
| 56 | MT6238 | GSR IR1-18-D4-Y1-SU2-L1         | 4.46      | 30   | 6.03      | 77   | 6.55 | 74   | 4.06 | 79   | 3.22  | 94   | 4.86   | 56    |
| 57 | MT6310 | PR39501-12-6-69                 | 4.06      | 85   | 6.25      | 32   | 6.60 | 62   | 4.04 | 85   | 3.35  | 63   | 4.86   | 57    |
| 58 | MT6173 | IR13A109                        | 3.53      | 161  | 6.49      | 16   | 6.68 | 46   | 4.07 | 78   | 3.52  | 41   | 4.86   | 58    |
| 59 | MT6114 | IR12A282                        | 4.10      | 77   | 6.24      | 37   | 6.63 | 53   | 4.06 | 82   | 3.26  | 86   | 4.86   | 59    |
| 60 | MT6134 | IR12A199                        | 3.88      | 106  | 6.39      | 22   | 6.67 | 47   | 4.02 | 96   | 3.30  | 73   | 4.85   | 60    |
| 61 | MT6028 | IR 92546-1-4-1-4                | 4.37      | 38   | 6.10      | 62   | 6.45 | 98   | 4.01 | 98   | 3.32  | 68   | 4.85   | 61    |
| 62 | MT6313 | PR39505-16-10-114               | 3.36      | 198  | 6.22      | 39   | 7.01 | 14   | 4.37 | 33   | 3.29  | 76   | 4.85   | 62    |
| 63 | MT6074 | IR11T210                        | 3.66      | 134  | 6.68      | 5    | 6.45 | 100  | 4.02 | 97   | 3.39  | 58   | 4.84   | 63    |
| 64 | MT6235 | GSR IR1-18-D4-Y1-SU2-D1         | 4.19      | 60   | 6.08      | 67   | 6.70 | 42   | 4.36 | 34   | 2.81  | 173  | 4.83   | 64    |
| 65 | MT6102 | IR12A188                        | 4.29      | 48   | 6.07      | 69   | 6.50 | 88   | 4.14 | 64   | 3.09  | 125  | 4.82   | 65    |
| 66 | MT6246 | GSR IR1-23-S15-Y1-Y1-D2         | 3.86      | 110  | 5.81      | 120  | 7.05 | 13   | 3.77 | 161  | 3.59  | 34   | 4.81   | 66    |

GxE Means (Fixed) in T/HA or the BLUEs

|     | METNO  | Fixed Name                     | Los Baños | Rank | San Mateo | Rank | RTR  | Rank | Ubay | Rank | Muñoz | Rank | ACROSS | ARANK |
|-----|--------|--------------------------------|-----------|------|-----------|------|------|------|------|------|-------|------|--------|-------|
| 67  | MT6245 | GSR IR1-21-S16-Y1-SU1-D3       | 3.78      | 121  | 6.11      | 60   | 6.35 | 124  | 4.11 | 71   | 3.70  | 19   | 4.81   | 67    |
| 68  | MT6098 | IR12N245                       | 3.92      | 100  | 6.18      | 47   | 6.54 | 77   | 4.24 | 49   | 3.15  | 113  | 4.81   | 68    |
| 69  | MT6295 | PR40196-3B-7-1                 | 4.82      | 11   | 5.92      | 97   | 6.59 | 66   | 3.43 | 219  | 3.24  | 90   | 4.80   | 69    |
| 70  | MT6116 | IR13A371                       | 3.94      | 97   | 6.22      | 40   | 6.48 | 93   | 4.18 | 58   | 3.16  | 111  | 4.80   | 70    |
| 71  | MT6143 | IR12N165                       | 3.91      | 102  | 6.04      | 73   | 6.63 | 54   | 4.12 | 68   | 3.28  | 80   | 4.80   | 71    |
| 72  | MT6266 | PR43131-2B-11                  | 3.90      | 103  | 6.01      | 84   | 6.42 | 110  | 4.13 | 65   | 3.49  | 45   | 4.79   | 72    |
| 73  | MT6280 | PR39949-B-5-2-1-2              | 4.39      | 36   | 5.93      | 94   | 6.53 | 80   | 4.04 | 88   | 3.06  | 136  | 4.79   | 73    |
| 74  | MT6208 | IR10M210                       | 4.10      | 76   | 6.08      | 65   | 6.22 | 149  | 4.25 | 48   | 3.28  | 81   | 4.79   | 74    |
| 75  | MT6305 | PR38697-12-81-7                | 4.25      | 53   | 6.08      | 66   | 6.60 | 61   | 3.86 | 136  | 3.15  | 112  | 4.79   | 75    |
| 76  | MT6144 | IR13A111                       | 3.74      | 129  | 6.17      | 49   | 6.54 | 75   | 4.12 | 69   | 3.35  | 62   | 4.78   | 76    |
| 77  | MT6077 | IR12T198                       | 4.12      | 73   | 5.92      | 96   | 6.15 | 174  | 4.17 | 60   | 3.51  | 42   | 4.77   | 77    |
| 78  | MT6160 | IR13A259                       | 4.42      | 35   | 5.84      | 112  | 6.34 | 126  | 3.82 | 149  | 3.44  | 51   | 4.77   | 78    |
| 79  | MT5433 | NSIC Rc238                     | 3.02      | 253  | 6.07      | 68   | 6.71 | 37   | 4.33 | 39   | 3.69  | 21   | 4.77   | 79    |
| 80  | MT6151 | IR12A223                       | 4.14      | 67   | 6.13      | 56   | 6.63 | 52   | 3.96 | 110  | 2.96  | 152  | 4.76   | 80    |
| 81  | MT6050 | IR11T163                       | 4.16      | 63   | 5.98      | 88   | 6.37 | 118  | 3.85 | 138  | 3.44  | 50   | 4.76   | 81    |
| 82  | MT6155 | IR12N177                       | 4.55      | 24   | 5.61      | 172  | 6.38 | 115  | 3.94 | 116  | 3.22  | 96   | 4.74   | 82    |
| 83  | MT6261 | PR41075-B-B-12-1-2             | 4.32      | 44   | 6.02      | 80   | 6.60 | 60   | 3.86 | 137  | 2.88  | 157  | 4.74   | 83    |
| 84  | MT6240 | GSR IR1-6-Y2-Y1-D1-L1          | 4.37      | 39   | 5.87      | 108  | 6.22 | 150  | 3.65 | 181  | 3.56  | 36   | 4.74   | 84    |
| 85  | MT6284 | PR39950-B-15-B-7-2             | 3.94      | 96   | 6.17      | 50   | 6.52 | 84   | 3.60 | 189  | 3.36  | 60   | 4.72   | 85    |
| 86  | MT6272 | PR42271                        | 3.87      | 107  | 5.91      | 99   | 6.59 | 64   | 3.74 | 168  | 3.48  | 47   | 4.72   | 86    |
| 87  | MT4902 | PSB Rc82                       | 4.14      | 66   | 5.88      | 105  | 6.29 | 134  | 4.02 | 93   | 3.22  | 93   | 4.71   | 87    |
| 88  | MT6147 | IR13A390                       | 4.22      | 56   | 5.77      | 130  | 6.52 | 85   | 4.56 | 18   | 2.49  | 241  | 4.71   | 88    |
| 89  | MT6294 | PR40477-B-B-17-2               | 4.29      | 46   | 6.03      | 78   | 6.45 | 95   | 3.58 | 196  | 3.18  | 104  | 4.71   | 89    |
| 90  | MT6217 | GSR IR2-9-L1-L3-R2             | 3.59      | 149  | 5.70      | 147  | 6.70 | 43   | 4.45 | 26   | 3.10  | 120  | 4.71   | 90    |
| 91  | MT6216 | GSR IR2-12-R5-Y1-L2            | 4.28      | 49   | 5.87      | 110  | 6.39 | 113  | 3.81 | 152  | 3.15  | 114  | 4.70   | 91    |
| 92  | MT6085 | IR 101465-10:7                 | 3.62      | 144  | 5.53      | 192  | 6.80 | 34   | 4.12 | 70   | 3.42  | 54   | 4.70   | 92    |
| 93  | MT6063 | IR11T171                       | 3.55      | 156  | 5.73      | 140  | 6.57 | 70   | 4.07 | 77   | 3.54  | 38   | 4.69   | 93    |
| 94  | MT6167 | IR13P020                       | 3.74      | 128  | 5.60      | 174  | 6.45 | 96   | 3.96 | 111  | 3.69  | 20   | 4.69   | 94    |
| 95  | MT6285 | PR 42053-38-3B-2B-B            | 3.27      | 216  | 6.04      | 74   | 6.29 | 136  | 4.34 | 35   | 3.41  | 56   | 4.67   | 95    |
| 96  | MT6060 | IR12T125                       | 3.78      | 118  | 5.85      | 111  | 6.48 | 92   | 4.12 | 66   | 3.12  | 117  | 4.67   | 96    |
| 97  | MT6333 | 14DS-GMET-17                   | 3.87      | 108  | 6.18      | 43   | 6.43 | 107  | 4.06 | 81   | 2.81  | 174  | 4.67   | 97    |
| 98  | MT6172 | IR13A106                       | 3.88      | 105  | 5.83      | 113  | 6.67 | 48   | 3.89 | 127  | 3.06  | 132  | 4.67   | 98    |
| 99  | MT6181 | IR12N231                       | 3.49      | 173  | 6.25      | 35   | 6.25 | 142  | 4.14 | 61   | 3.17  | 108  | 4.66   | 99    |
| 100 | MT6209 | IR10N255                       | 4.13      | 70   | 5.76      | 133  | 6.15 | 176  | 3.81 | 151  | 3.45  | 49   | 4.66   | 100   |
| 101 | MT6130 | IR13N104                       | 3.90      | 104  | 5.87      | 109  | 6.53 | 81   | 3.94 | 119  | 3.06  | 135  | 4.66   | 101   |
| 102 | MT6290 | PR41519-20-5-1-ARc138-1-3-9-5  | NA        |      | 5.88      | 106  | 6.37 | 119  | 3.94 | 117  | 3.22  | 97   | 4.65   | 102   |
| 103 | MT6142 | IR12A302                       | 3.85      | 112  | 5.82      | 115  | 6.71 | 40   | 4.01 | 100  | 2.87  | 162  | 4.65   | 103   |
| 104 | MT6279 | PR39955-B-4-2-4-2              | 3.87      | 109  | 5.78      | 128  | 6.11 | 188  | 4.28 | 46   | 3.19  | 101  | 4.65   | 104   |
| 105 | MT6254 | GSR IR1-6-S15-Y1-D1-D1         | 3.72      | 130  | 5.95      | 93   | 6.50 | 87   | 4.31 | 41   | 2.70  | 195  | 4.64   | 105   |
| 106 | MT6328 | PR 39566-11-2-1-1-B            | 4.20      | 58   | 5.74      | 139  | 6.32 | 130  | 3.80 | 154  | 3.07  | 130  | 4.63   | 106   |
| 107 | MT6035 | IR 91320-12-4-1-2              | 3.70      | 131  | 6.15      | 52   | 6.69 | 44   | 3.68 | 176  | 2.90  | 156  | 4.63   | 107   |
| 108 | MT6146 | IR13A221                       | 3.98      | 91   | 5.52      | 200  | 6.37 | 117  | 3.94 | 118  | 3.31  | 71   | 4.62   | 108   |
| 109 | MT6232 | GSR IR1-3-D12-L1-S2-D2         | 4.02      | 88   | 5.78      | 126  | 6.53 | 79   | 3.68 | 177  | 3.10  | 119  | 4.62   | 109   |
| 110 | MT6191 | IR95610-B-15-1-B-B             | 3.54      | 159  | 5.75      | 137  | 6.35 | 123  | 3.96 | 112  | 3.49  | 46   | 4.62   | 110   |
| 111 | MT6276 | PR44405-209-7                  | NA        |      | 5.99      | 87   | 6.29 | 137  | 3.77 | 160  | 3.20  | 99   | 4.62   | 111   |
| 112 | MT6218 | GSR IR2-9-R2-SU3-R2            | 4.09      | 79   | 5.81      | 119  | 6.58 | 67   | 3.87 | 134  | 2.70  | 194  | 4.61   | 112   |
| 113 | MT6287 | PR37056-19-1-1-1-2-3-2-B-2-1-1 | 3.77      | 122  | 5.56      | 182  | 6.17 | 170  | 4.25 | 47   | 3.29  | 77   | 4.61   | 113   |
| 114 | MT6281 | PR39955-B-4-2-4-1              | 3.62      | 143  | 5.79      | 123  | 6.20 | 159  | 4.00 | 103  | 3.43  | 52   | 4.61   | 114   |
| 115 | MT6170 | IR12N222                       | 3.61      | 146  | 5.76      | 132  | 6.43 | 106  | 4.06 | 80   | 3.09  | 123  | 4.59   | 115   |
| 116 | MT6096 | IR13A281                       | 4.15      | 65   | 5.72      | 141  | 6.36 | 121  | 3.92 | 123  | 2.77  | 180  | 4.59   | 116   |
| 117 | MT6291 | PR40858-NSIC Rc9-M4R-440       | 3.46      | 179  | 6.13      | 57   | 6.45 | 97   | 4.04 | 86   | 2.85  | 167  | 4.59   | 117   |
| 118 | MT6021 | IR 11C192                      | 3.50      | 172  | 6.11      | 61   | 6.35 | 122  | 3.83 | 145  | 3.14  | 115  | 4.59   | 118   |
| 119 | MT6316 | PR 40733-4-2-3-2-B             | 3.74      | 127  | 6.01      | 83   | 6.32 | 131  | 4.11 | 72   | 2.74  | 184  | 4.58   | 119   |
| 120 | MT6257 | PR41049-B-B-4                  | 3.60      | 148  | 5.96      | 89   | 6.44 | 101  | 3.89 | 129  | 2.98  | 148  | 4.58   | 120   |
| 121 | MT6133 | IR12A190                       | 4.29      | 47   | 4.42      | 306  | 6.38 | 116  | 4.22 | 53   | 3.55  | 37   | 4.57   | 121   |
| 122 | MT6136 | IR12N143                       | 4.01      | 89   | 5.66      | 153  | 6.28 | 138  | 3.55 | 200  | 3.33  | 67   | 4.57   | 122   |
| 123 | MT6229 | GSR IR2-1-Y16-S1-R2            | 4.38      | 37   | 5.68      | 150  | 6.21 | 151  | 4.04 | 84   | 2.50  | 239  | 4.56   | 123   |
| 124 | MT6113 | IR13A254                       | 4.36      | 40   | 5.63      | 160  | 6.45 | 99   | 3.98 | 106  | 2.39  | 256  | 4.56   | 124   |
| 125 | MT6178 | IR12N190                       | 3.52      | 165  | 5.91      | 98   | 6.43 | 109  | 4.08 | 75   | 2.80  | 176  | 4.55   | 125   |
| 126 | MT6271 | PR42271                        | NA        |      | NA        | NA   | NA   | NA   | NA   | NA   | 3.03  | 142  | 4.54   | 126   |
| 127 | MT6089 | IR12F514                       | 4.13      | 71   | 5.78      | 125  | 6.19 | 160  | 3.73 | 170  | 2.87  | 159  | 4.54   | 127   |
| 128 | MT6224 | GSR IR2-17-R14-L1-L2           | 4.14      | 69   | 5.56      | 185  | 6.16 | 173  | 4.01 | 101  | 2.85  | 165  | 4.54   | 128   |
| 129 | MT6323 | PR 39590-27-1-2-1-B-B          | 3.67      | 133  | 5.61      | 171  | 6.35 | 125  | 3.84 | 141  | 3.21  | 98   | 4.54   | 129   |
| 130 | MT6187 | IR12A231                       | 4.11      | 74   | 5.79      | 124  | 6.20 | 157  | 4.00 | 102  | 2.54  | 234  | 4.53   | 130   |
| 131 | MT6230 | GSR IR2-1-R5-N1-Y3             | 3.42      | 191  | 6.02      | 82   | 6.02 | 212  | 4.09 | 74   | 3.08  | 129  | 4.52   | 131   |
| 132 | MT6069 | IR11T220                       | 3.54      | 158  | 5.57      | 181  | 6.27 | 139  | 4.14 | 62   | 3.06  | 131  | 4.52   | 132   |

**GxE Means (Fixed) in T/HA or the BLUEs**

|     | <b>METNO</b> | <b>Fixed Name</b>             | <b>Los Baños</b> | <b>Rank</b> | <b>San Mateo</b> | <b>Rank</b> | <b>RTR</b> | <b>Rank</b> | <b>Ubay</b> | <b>Rank</b> | <b>Muñoz</b> | <b>Rank</b> | <b>ACROSS</b> | <b>ARANK</b> |
|-----|--------------|-------------------------------|------------------|-------------|------------------|-------------|------------|-------------|-------------|-------------|--------------|-------------|---------------|--------------|
| 133 | MT6222       | GSR IR2-8-Y10-Y1-R2           | 3.58             | 151         | 5.90             | 101         | 5.73       | 267         | 4.19        | 56          | 3.18         | 106         | 4.52          | 133          |
| 134 | MT6118       | IR13N145                      | 3.64             | 139         | 6.14             | 55          | 5.92       | 237         | 3.64        | 183         | 3.22         | 91          | 4.51          | 134          |
| 135 | MT6168       | IR12N125                      | 3.50             | 171         | 5.81             | 118         | 6.20       | 155         | 3.76        | 163         | 3.27         | 82          | 4.51          | 135          |
| 136 | MT6018       | IR 11C219                     | 3.93             | 99          | 5.54             | 190         | 6.25       | 143         | 3.80        | 156         | 2.99         | 147         | 4.50          | 136          |
| 137 | MT6100       | IR12A166                      | 3.23             | 226         | 5.81             | 121         | 6.36       | 120         | 3.98        | 108         | 3.08         | 127         | 4.49          | 137          |
| 138 | MT6215       | GSR IR2-1-L8-S1-R2            | 4.06             | 83          | 5.64             | 158         | 5.87       | 243         | 3.24        | 253         | 3.63         | 28          | 4.49          | 138          |
| 139 | MT6163       | IR13A495                      | 3.49             | 174         | 5.66             | 156         | 6.49       | 89          | 3.51        | 211         | 3.28         | 79          | 4.49          | 139          |
| 140 | MT6269       | PR42300                       | 4.11             | 75          | 5.56             | 183         | 6.12       | 179         | 3.53        | 205         | 3.11         | 118         | 4.49          | 140          |
| 141 | MT5434       | NSIC Rc132H (Mestizo 6)       | 3.84             | 113         | 6.08             | 64          | 6.24       | 146         | 4.06        | 83          | 2.16         | 282         | 4.48          | 141          |
| 142 | MT6289       | PR42129-N22-M7(03911)         | 3.61             | 147         | 5.41             | 219         | 6.20       | 158         | 3.89        | 131         | 3.26         | 84          | 4.47          | 142          |
| 143 | MT6306       | PR39497-4-2-16                | 3.91             | 101         | 5.53             | 193         | 5.91       | 238         | 3.93        | 120         | 3.09         | 124         | 4.47          | 143          |
| 144 | MT6322       | PR 40320-4-1-1-3-B-B          | 3.57             | 154         | 5.96             | 90          | 6.09       | 193         | 4.22        | 54          | 2.54         | 232         | 4.47          | 144          |
| 145 | MT6159       | IR12N169                      | 3.97             | 93          | 5.52             | 197         | 6.18       | 168         | 3.89        | 128         | 2.78         | 179         | 4.47          | 145          |
| 146 | MT6047       | IR11T258                      | 4.07             | 81          | 5.82             | 116         | 6.03       | 206         | 3.74        | 166         | 2.67         | 201         | 4.47          | 146          |
| 147 | MT6075       | IR12T201                      | 4.00             | 90          | 5.77             | 131         | 5.99       | 222         | 3.89        | 132         | 2.66         | 202         | 4.46          | 147          |
| 148 | MT6179       | IR12N271                      | 3.44             | 186         | 5.69             | 149         | 6.50       | 86          | 4.03        | 91          | 2.64         | 211         | 4.46          | 148          |
| 149 | MT6087       | IR 101465-5:48                | 3.56             | 155         | 6.00             | 85          | 6.21       | 152         | 3.82        | 147         | 2.68         | 198         | 4.45          | 149          |
| 150 | MT6145       | IR13A147                      | 3.64             | 138         | 5.58             | 177         | 6.39       | 114         | 3.96        | 113         | 2.69         | 196         | 4.45          | 150          |
| 151 | MT6190       | IR95611-B-93-1-B-B            | 4.07             | 82          | 5.62             | 166         | 6.03       | 208         | 3.26        | 250         | 3.27         | 83          | 4.45          | 151          |
| 152 | MT6117       | IR13A376                      | 3.43             | 189         | 5.38             | 224         | 6.21       | 153         | 4.12        | 67          | 3.08         | 126         | 4.44          | 152          |
| 153 | MT6247       | GSR IR1-3-D12-L1-S4-L2        | 3.33             | 204         | 5.66             | 155         | 6.26       | 140         | 4.07        | 76          | 2.87         | 160         | 4.44          | 153          |
| 154 | MT6112       | IR13A153                      | 3.82             | 115         | 5.88             | 104         | 6.39       | 112         | 3.52        | 208         | 2.55         | 231         | 4.43          | 154          |
| 155 | MT6099       | IR13A262                      | 3.63             | 141         | 5.76             | 134         | 6.24       | 145         | 3.47        | 214         | 3.03         | 141         | 4.43          | 155          |
| 156 | MT6207       | IR10M300                      | 3.35             | 201         | 5.78             | 127         | 6.11       | 185         | 3.82        | 146         | 3.06         | 134         | 4.42          | 156          |
| 157 | MT6020       | IR 11C228                     | 3.66             | 135         | 6.05             | 71          | 6.20       | 156         | 3.84        | 143         | 2.37         | 259         | 4.42          | 157          |
| 158 | MT6068       | IR13T147                      | 3.24             | 224         | 5.74             | 138         | 6.19       | 164         | 3.91        | 124         | 3.03         | 143         | 4.42          | 158          |
| 159 | MT6225       | GSR IR2-9-R1-SU3-L2           | 4.17             | 62          | 5.70             | 148         | 6.16       | 172         | 3.79        | 157         | 2.24         | 273         | 4.41          | 159          |
| 160 | MT6283       | PR39949-B-6-1-1-1             | 3.44             | 185         | 5.64             | 159         | 6.06       | 201         | 3.62        | 186         | 3.31         | 72          | 4.41          | 160          |
| 161 | MT6196       | IR106631H                     | 3.76             | 124         | 5.72             | 144         | 6.44       | 102         | 3.57        | 198         | 2.56         | 228         | 4.41          | 161          |
| 162 | MT6126       | IR12N205                      | 3.18             | 231         | 5.67             | 151         | 6.31       | 133         | 3.80        | 153         | 3.05         | 137         | 4.40          | 162          |
| 163 | MT6164       | IR13N112                      | 3.40             | 193         | 5.89             | 103         | 6.59       | 65          | 3.26        | 251         | 2.87         | 161         | 4.40          | 163          |
| 164 | MT6048       | IR11T184                      | 3.78             | 120         | 5.70             | 146         | 5.98       | 224         | 3.93        | 121         | 2.61         | 214         | 4.40          | 164          |
| 165 | MT6277       | PR39949-B-2-1-1-1             | 3.11             | 240         | 5.76             | 136         | 6.01       | 214         | 3.60        | 190         | 3.52         | 40          | 4.40          | 165          |
| 166 | MT6221       | GSR IR2-10-L1-Y1-L2           | 3.51             | 169         | 5.82             | 114         | 6.00       | 217         | 3.83        | 144         | 2.82         | 172         | 4.40          | 166          |
| 167 | MT6104       | IR13A270                      | 3.66             | 136         | 5.62             | 165         | 6.43       | 105         | 3.59        | 191         | 2.66         | 203         | 4.39          | 167          |
| 168 | MT6067       | IR11T208                      | 4.02             | 87          | 5.22             | 245         | 5.90       | 240         | 4.04        | 87          | 2.77         | 182         | 4.39          | 168          |
| 169 | MT6110       | IR12N183                      | 3.59             | 150         | 5.61             | 170         | 6.04       | 202         | 3.84        | 142         | 2.87         | 163         | 4.39          | 169          |
| 170 | MT6202       | IR96441H                      | 3.62             | 142         | 5.39             | 222         | 6.31       | 132         | 3.79        | 158         | 2.83         | 169         | 4.39          | 170          |
| 171 | MT6084       | IR 101465-10:2                | 3.77             | 123         | 5.47             | 207         | 6.43       | 104         | 3.41        | 222         | 2.85         | 166         | 4.39          | 171          |
| 172 | MT6058       | IR11T205                      | 3.75             | 126         | 5.32             | 230         | 6.01       | 213         | 3.68        | 175         | 3.17         | 110         | 4.39          | 172          |
| 173 | MT6255       | GSR IR1-6-S14-L3-S2-Y1        | 3.48             | 175         | 5.58             | 178         | 6.53       | 82          | 3.66        | 180         | 2.67         | 200         | 4.38          | 173          |
| 174 | MT6175       | IR13A229                      | 3.25             | 219         | 5.72             | 142         | 6.33       | 129         | 3.56        | 199         | 3.04         | 139         | 4.38          | 174          |
| 175 | MT6055       | IR11T219                      | 3.34             | 203         | 5.41             | 220         | 6.00       | 219         | 3.90        | 126         | 3.22         | 95          | 4.37          | 175          |
| 176 | MT6203       | IR98049H                      | 3.40             | 194         | 5.90             | 102         | 6.63       | 55          | 3.54        | 204         | 2.34         | 261         | 4.36          | 176          |
| 177 | MT6129       | IR13A479                      | 3.42             | 190         | 5.53             | 196         | 6.67       | 50          | 3.72        | 171         | 2.46         | 245         | 4.36          | 177          |
| 178 | MT6325       | PR 40715-26-2-3-3-B           | 3.25             | 221         | 5.80             | 122         | 6.10       | 190         | 3.80        | 155         | 2.84         | 168         | 4.36          | 178          |
| 179 | MT6315       | PR 41208-3-2-3-B              | 3.30             | 209         | 5.65             | 157         | 6.04       | 204         | 3.59        | 193         | 3.19         | 102         | 4.35          | 179          |
| 180 | MT6233       | GSR IR1-24-D5-Y1-L1-L1        | 3.32             | 205         | 5.53             | 194         | 6.04       | 203         | 3.55        | 201         | 3.30         | 74          | 4.35          | 180          |
| 181 | MT6308       | PR395008-5-54                 | 3.46             | 180         | 5.51             | 202         | 6.07       | 197         | 3.93        | 122         | 2.76         | 183         | 4.35          | 181          |
| 182 | MT6138       | IR11A481                      | 3.80             | 116         | 5.55             | 186         | 6.23       | 147         | 3.37        | 230         | 2.77         | 181         | 4.35          | 182          |
| 183 | MT6029       | IR 92545-34-1-1-3             | 3.78             | 119         | 5.48             | 206         | 5.92       | 235         | 3.71        | 173         | 2.83         | 171         | 4.34          | 183          |
| 184 | MT6177       | IR13N105                      | 3.68             | 132         | 5.62             | 164         | 6.01       | 215         | 3.39        | 226         | 3.01         | 144         | 4.34          | 184          |
| 185 | MT6078       | IR11T183                      | 3.58             | 153         | 5.42             | 218         | 6.20       | 154         | 3.84        | 139         | 2.65         | 207         | 4.34          | 185          |
| 186 | MT6109       | IR12N164                      | 2.88             | 274         | 5.77             | 129         | 6.17       | 171         | 3.60        | 188         | 3.26         | 85          | 4.34          | 186          |
| 187 | MT6320       | PR 40322-35-2-1-1-1-B         | 3.26             | 218         | 5.66             | 152         | 6.14       | 177         | 3.90        | 125         | 2.71         | 191         | 4.33          | 187          |
| 188 | MT6019       | IR 11C202                     | 3.52             | 167         | 5.54             | 188         | 6.02       | 210         | 3.89        | 130         | 2.58         | 224         | 4.31          | 188          |
| 189 | MT6251       | GSR IR1-3-D12-L1-S2-L1        | 3.82             | 114         | 5.52             | 199         | 5.92       | 236         | 3.48        | 213         | 2.72         | 189         | 4.29          | 189          |
| 190 | MT6278       | PR39950-B-15-B-3-1            | 3.75             | 125         | 5.63             | 163         | 5.84       | 250         | 3.59        | 195         | 2.65         | 205         | 4.29          | 190          |
| 191 | MT6242       | GSR IR1-24-D11-L2-Y1-L1       | 3.53             | 162         | 5.32             | 229         | 5.88       | 242         | 3.55        | 202         | 3.17         | 109         | 4.29          | 191          |
| 192 | MT6258       | PR41049-B-B-4                 | 2.71             | 288         | 5.91             | 100         | 6.19       | 161         | 4.02        | 94          | 2.59         | 220         | 4.29          | 192          |
| 193 | MT6093       | IR 73680-4-9-12-1-B-B-1-B-1-B | 3.80             | 117         | 5.59             | 176         | 6.07       | 199         | 3.29        | 242         | 2.68         | 197         | 4.29          | 193          |
| 194 | MT6139       | IR11A285                      | 3.43             | 188         | 5.62             | 169         | 6.26       | 141         | 3.44        | 216         | 2.65         | 204         | 4.28          | 194          |
| 195 | MT6111       | IR12A165                      | 4.04             | 86          | 5.19             | 253         | 6.18       | 165         | 3.66        | 178         | 2.31         | 262         | 4.28          | 195          |
| 196 | MT6275       | PR42294                       | 3.54             | 157         | 5.41             | 221         | 6.00       | 216         | 3.15        | 267         | 3.25         | 87          | 4.27          | 196          |
| 197 | MT6156       | IR12A299                      | 3.08             | 246         | 5.62             | 167         | 6.12       | 181         | 3.55        | 203         | 2.99         | 146         | 4.27          | 197          |
| 198 | MT6186       | IR12N196                      | 3.29             | 211         | 5.50             | 203         | 6.09       | 195         | 3.29        | 244         | 3.18         | 107         | 4.27          | 198          |

GxE Means (Fixed) in T/HA or the BLUEs

|     | METNO  | Fixed Name                   | Los Baños | Rank | San Mateo | Rank | RTR  | Rank | Ubay | Rank | Muñoz | Rank | ACROSS | ARANK |
|-----|--------|------------------------------|-----------|------|-----------|------|------|------|------|------|-------|------|--------|-------|
| 199 | MT6024 | IR 92545-45-6-1-1            | 3.41      | 192  | 5.51      | 201  | 6.00 | 220  | 3.47 | 215  | 2.95  | 153  | 4.27   | 199   |
| 200 | MT6307 | PR39501-12-6-73              | 3.08      | 245  | 5.63      | 162  | 6.57 | 71   | 3.53 | 207  | 2.52  | 237  | 4.27   | 200   |
| 201 | MT6270 | PR42271                      | 2.97      | 261  | 5.63      | 161  | 5.98 | 226  | 3.49 | 212  | 3.24  | 89   | 4.26   | 201   |
| 202 | MT6244 | GSR IR1-6-S9-L2-Y1-Y1        | 3.45      | 182  | 4.76      | 297  | 6.11 | 182  | 3.82 | 148  | 3.09  | 122  | 4.25   | 202   |
| 203 | MT6032 | IR 91298-27-1-1-2            | 3.58      | 152  | 5.87      | 107  | 6.10 | 189  | 3.65 | 182  | 2.02  | 292  | 4.24   | 203   |
| 204 | MT6123 | IR12A108                     | 3.25      | 220  | 5.60      | 173  | 6.11 | 184  | 3.76 | 164  | 2.45  | 248  | 4.23   | 204   |
| 205 | MT6220 | GSR IR2-19-Y14-L2-L2         | 3.32      | 206  | 5.48      | 205  | 6.23 | 148  | 3.59 | 192  | 2.52  | 235  | 4.23   | 205   |
| 206 | MT6051 | IR11T212                     | 3.45      | 183  | 5.21      | 248  | 5.85 | 247  | 3.58 | 197  | 3.05  | 138  | 4.23   | 206   |
| 207 | MT6152 | IR12N216                     | 3.48      | 176  | 5.76      | 135  | 5.99 | 221  | 3.03 | 276  | 2.87  | 164  | 4.23   | 207   |
| 208 | MT6101 | IR12N203                     | 3.39      | 196  | 5.31      | 233  | 6.00 | 218  | 4.01 | 99   | 2.38  | 257  | 4.22   | 208   |
| 209 | MT6128 | IR13A268                     | 3.39      | 195  | 5.52      | 198  | 6.13 | 178  | 3.34 | 237  | 2.70  | 193  | 4.22   | 209   |
| 210 | MT6185 | IR12A237                     | 2.95      | 264  | 5.81      | 117  | 6.49 | 91   | 3.42 | 220  | 2.40  | 253  | 4.21   | 210   |
| 211 | MT6226 | GSR IR2-8-Y14-SU3-Y2         | 3.02      | 257  | 5.53      | 195  | 6.18 | 169  | 3.63 | 184  | 2.70  | 192  | 4.21   | 211   |
| 212 | MT6049 | IR11T129                     | 3.24      | 223  | 5.20      | 251  | 6.18 | 166  | 3.36 | 233  | 3.03  | 140  | 4.20   | 212   |
| 213 | MT6248 | GSR IR1-6-S9-D1-Y1-D1        | 3.21      | 228  | 5.72      | 143  | 5.96 | 228  | 3.63 | 185  | 2.49  | 243  | 4.20   | 213   |
| 214 | MT6106 | IR12A152                     | 3.52      | 163  | 5.43      | 214  | 6.11 | 186  | 3.76 | 162  | 2.17  | 281  | 4.20   | 214   |
| 215 | MT6236 | GSR IR1-24-S6-Y1-L1-D1       | 3.09      | 242  | 5.58      | 180  | 6.02 | 211  | 3.84 | 140  | 2.45  | 247  | 4.20   | 215   |
| 216 | MT6171 | IR12A238                     | 2.63      | 295  | 5.23      | 243  | 6.44 | 103  | 3.86 | 135  | 2.79  | 178  | 4.19   | 216   |
| 217 | MT6197 | IR106638H                    | 2.65      | 293  | 5.48      | 204  | 6.29 | 135  | 3.61 | 187  | 2.90  | 155  | 4.19   | 217   |
| 218 | MT6064 | IR12T260                     | 3.25      | 222  | 5.55      | 187  | 5.93 | 233  | 3.94 | 115  | 2.27  | 269  | 4.19   | 218   |
| 219 | MT6079 | IR11T174                     | 2.97      | 262  | 5.45      | 211  | 5.85 | 246  | 3.99 | 105  | 2.55  | 229  | 4.16   | 219   |
| 220 | MT6334 | 14DS-GMET-18                 | 3.00      | 258  | 5.66      | 154  | 5.77 | 261  | 3.74 | 167  | 2.59  | 221  | 4.15   | 220   |
| 221 | MT6317 | PR 40777-35-2-1-2-B          | 3.16      | 233  | 5.58      | 179  | 5.98 | 225  | 3.43 | 218  | 2.60  | 215  | 4.15   | 221   |
| 222 | MT6122 | IR13A185                     | 3.51      | 170  | 5.27      | 239  | 6.09 | 194  | 3.09 | 271  | 2.79  | 177  | 4.15   | 222   |
| 223 | MT6127 | IR13A255                     | 3.52      | 166  | 5.42      | 217  | 6.03 | 207  | 3.29 | 243  | 2.49  | 242  | 4.15   | 223   |
| 224 | MT6081 | IR13T144                     | 3.35      | 202  | 5.56      | 184  | 5.79 | 257  | 3.38 | 228  | 2.65  | 209  | 4.14   | 224   |
| 225 | MT6239 | GSR IR1-3-D12-L1-S3-D1       | 3.09      | 244  | 5.09      | 264  | 5.95 | 230  | 3.59 | 194  | 3.00  | 145  | 4.14   | 225   |
| 226 | MT6327 | PR 40759-32-1-1-1-B          | 2.86      | 277  | 5.45      | 210  | 6.18 | 167  | 3.53 | 206  | 2.62  | 213  | 4.13   | 226   |
| 227 | MT6033 | IR 88965-33-3-2-1            | 2.83      | 281  | 5.27      | 240  | 6.09 | 192  | 3.75 | 165  | 2.72  | 190  | 4.13   | 227   |
| 228 | MT6330 | 14DS-GMET-2                  | 2.43      | 308  | 5.47      | 208  | 6.34 | 127  | 3.41 | 221  | 2.98  | 150  | 4.13   | 228   |
| 229 | MT6131 | IR13N143                     | 3.48      | 177  | 5.30      | 237  | 6.11 | 187  | 3.88 | 133  | 1.88  | 303  | 4.13   | 229   |
| 230 | MT6265 | PR43130-2B-25                | 3.52      | 164  | 5.32      | 228  | 5.97 | 227  | 3.26 | 252  | 2.55  | 230  | 4.12   | 230   |
| 231 | MT6107 | IR12A255                     | 2.85      | 280  | 5.43      | 215  | 6.15 | 175  | 3.51 | 210  | 2.65  | 206  | 4.12   | 231   |
| 232 | MT6210 | IR13M167                     | 3.52      | 168  | 5.29      | 238  | 5.80 | 256  | 3.34 | 236  | 2.63  | 212  | 4.12   | 232   |
| 233 | MT6065 | IR11T189                     | 3.17      | 232  | 4.99      | 277  | 5.84 | 249  | 3.66 | 179  | 2.91  | 154  | 4.11   | 233   |
| 234 | MT6314 | PR39505-16-10-116            | 3.45      | 181  | 5.46      | 209  | 6.19 | 162  | 2.80 | 289  | 2.59  | 223  | 4.10   | 234   |
| 235 | MT6250 | GSR IR1-24-D19-Y2-Y1-L1      | 3.04      | 251  | 5.30      | 234  | 5.56 | 284  | 3.36 | 234  | 3.19  | 103  | 4.09   | 235   |
| 236 | MT6062 | IR12T133                     | 2.81      | 282  | 5.44      | 212  | 5.96 | 229  | 3.68 | 174  | 2.51  | 238  | 4.08   | 236   |
| 237 | MT6026 | IR 92546-17-6-4-4            | 3.14      | 234  | 5.54      | 191  | 5.59 | 281  | 3.40 | 225  | 2.73  | 187  | 4.08   | 237   |
| 238 | MT6318 | PR 40706-11-3-3-1-B          | 3.35      | 199  | 5.30      | 236  | 5.91 | 239  | 3.40 | 223  | 2.37  | 258  | 4.07   | 238   |
| 239 | MT6200 | IR96392H                     | 3.12      | 238  | 5.31      | 231  | 6.11 | 183  | 3.78 | 159  | 1.94  | 299  | 4.05   | 239   |
| 240 | MT6243 | GSR IR1-18-D4-Y1-SU1-Y1      | 3.61      | 145  | 5.15      | 259  | 6.25 | 144  | 3.22 | 257  | 2.01  | 293  | 4.05   | 240   |
| 241 | MT6056 | IR12T127                     | 3.28      | 213  | 5.23      | 244  | 5.77 | 260  | 3.44 | 217  | 2.50  | 240  | 4.05   | 241   |
| 242 | MT6150 | IR12N144                     | 3.05      | 250  | 5.34      | 225  | 6.06 | 200  | 3.16 | 265  | 2.60  | 216  | 4.04   | 242   |
| 243 | MT6053 | IR12T248                     | 3.54      | 160  | 5.15      | 258  | 5.94 | 232  | 3.12 | 268  | 2.46  | 244  | 4.04   | 243   |
| 244 | MT6132 | IR12A266                     | 3.47      | 178  | 5.70      | 145  | 4.22 | 322  | 3.73 | 169  | 3.08  | 128  | 4.04   | 244   |
| 245 | MT6253 | GSR IR1-6-D10-Y1-D1-L2       | 2.91      | 270  | 5.44      | 213  | 6.07 | 198  | 3.19 | 261  | 2.59  | 219  | 4.04   | 245   |
| 246 | MT6237 | GSR IR1-6-Y3-Y1-SU1-D3       | 3.65      | 137  | 5.30      | 235  | 5.44 | 294  | 3.51 | 209  | 2.27  | 268  | 4.03   | 246   |
| 247 | MT6180 | IR12A181                     | 3.43      | 187  | 5.62      | 168  | 5.84 | 251  | 3.20 | 258  | 2.06  | 289  | 4.03   | 247   |
| 248 | MT6072 | IR12T122                     | 3.35      | 200  | 5.39      | 223  | 6.09 | 191  | 3.10 | 269  | 2.20  | 277  | 4.03   | 248   |
| 249 | MT6260 | PR39879-3B-B-B-15-1-2        | 3.14      | 235  | 5.33      | 226  | 5.98 | 223  | 2.78 | 292  | 2.83  | 170  | 4.01   | 249   |
| 250 | MT6092 | IR 73681-1-1-8-5-B-B-1-B-3-B | 2.77      | 285  | 5.20      | 250  | 5.86 | 244  | 3.33 | 238  | 2.88  | 158  | 4.01   | 250   |
| 251 | MT6165 | IR13N141                     | 3.21      | 229  | 4.95      | 283  | 6.02 | 209  | 3.26 | 249  | 2.57  | 226  | 4.00   | 251   |
| 252 | MT6174 | IR13A213                     | 3.29      | 212  | 5.03      | 272  | 6.19 | 163  | 3.32 | 240  | 2.17  | 279  | 4.00   | 252   |
| 253 | MT6267 | PR42300                      | 3.24      | 225  | 5.13      | 260  | 5.68 | 272  | 3.17 | 264  | 2.73  | 186  | 3.99   | 253   |
| 254 | MT6045 | IR11T193                     | 3.08      | 248  | 5.17      | 256  | 5.94 | 231  | 3.28 | 245  | 2.39  | 255  | 3.97   | 254   |
| 255 | MT6023 | IR 11C206                    | 3.20      | 230  | 5.06      | 268  | 5.47 | 292  | 3.35 | 235  | 2.73  | 188  | 3.96   | 255   |
| 256 | MT6119 | IR12A256                     | 3.28      | 214  | 5.04      | 269  | 5.80 | 254  | 3.05 | 274  | 2.59  | 218  | 3.95   | 256   |
| 257 | MT6319 | PR 40293-15-3-1-3-1-B        | 3.36      | 197  | 5.25      | 242  | 5.77 | 263  | 3.09 | 270  | 2.30  | 264  | 3.95   | 257   |
| 258 | MT6054 | IR12T254                     | 2.87      | 276  | 5.26      | 241  | 5.64 | 275  | 3.71 | 172  | 2.29  | 265  | 3.95   | 258   |
| 259 | MT6088 | IR12F105                     | 3.30      | 208  | 5.00      | 275  | 5.75 | 266  | 3.28 | 247  | 2.43  | 249  | 3.95   | 259   |
| 260 | MT6263 | PR40240-2B-57-3-1-2          | 2.77      | 284  | 5.42      | 216  | 6.08 | 196  | 2.87 | 282  | 2.59  | 222  | 3.95   | 260   |
| 261 | MT6259 | PR40241-B-B-B-12-3-1         | 2.96      | 263  | 4.99      | 276  | 6.04 | 205  | 3.28 | 246  | 2.41  | 252  | 3.93   | 261   |
| 262 | MT6157 | IR12N186                     | 2.86      | 278  | 4.95      | 281  | 6.12 | 180  | 3.37 | 231  | 2.30  | 263  | 3.92   | 262   |
| 263 | MT6293 | PR41835-3B-7                 | 3.10      | 241  | 5.18      | 254  | 5.60 | 279  | 3.31 | 241  | 2.41  | 250  | 3.92   | 263   |
| 264 | MT6274 | PR42289                      | 3.11      | 239  | 5.21      | 249  | 5.44 | 295  | 3.19 | 260  | 2.57  | 225  | 3.91   | 264   |

GxE Means (Fixed) in T/HA or the BLUEs

|     | METNO  | Fixed Name                    | Los Baños | Rank | San Mateo | Rank | RTR  | Rank | Ubay | Rank | Muñoz | Rank | ACROSS | ARANK |
|-----|--------|-------------------------------|-----------|------|-----------|------|------|------|------|------|-------|------|--------|-------|
| 265 | MT6184 | IR12A156                      | 2.62      | 297  | 5.59      | 175  | 5.81 | 253  | 3.18 | 262  | 2.25  | 272  | 3.89   | 265   |
| 266 | MT6105 | IR13A378                      | 3.13      | 237  | 5.13      | 261  | 5.69 | 271  | 3.27 | 248  | 2.19  | 278  | 3.88   | 266   |
| 267 | MT6052 | IR11T200                      | 3.28      | 215  | 5.04      | 270  | 5.64 | 274  | 2.77 | 293  | 2.60  | 217  | 3.87   | 267   |
| 268 | MT6264 | PR41615-B-1-2                 | 2.57      | 300  | 5.22      | 247  | 5.72 | 269  | 3.17 | 263  | 2.65  | 208  | 3.86   | 268   |
| 269 | MT6299 | HPNS-127-2-2                  | NA        |      | 5.18      | 255  | 5.89 | 241  | 3.23 | 256  | 1.92  | 300  | 3.86   | 269   |
| 270 | MT6091 | IR 73382-7-12-2-1-B-B-2-B-3-B | 3.03      | 252  | 4.89      | 287  | 5.72 | 268  | 3.08 | 272  | 2.56  | 227  | 3.85   | 270   |
| 271 | MT6141 | IR12A286                      | 3.02      | 256  | 5.22      | 246  | 6.40 | 111  | 2.72 | 299  | 1.91  | 301  | 3.85   | 271   |
| 272 | MT6070 | IR11T224                      | 2.54      | 304  | 5.07      | 265  | 5.77 | 262  | 3.15 | 266  | 2.68  | 199  | 3.84   | 272   |
| 273 | MT6162 | IR13A386                      | 3.05      | 249  | 4.78      | 296  | 5.93 | 234  | 3.37 | 232  | 2.05  | 290  | 3.84   | 273   |
| 274 | MT6194 | IR106582H                     | 3.08      | 247  | 5.31      | 232  | 5.85 | 245  | 3.06 | 273  | 1.87  | 304  | 3.84   | 274   |
| 275 | MT6135 | IR12N161                      | 2.93      | 268  | 5.13      | 262  | 5.57 | 283  | 3.37 | 229  | 2.15  | 283  | 3.83   | 275   |
| 276 | MT6097 | IR13A142                      | 2.63      | 296  | 5.06      | 267  | 5.78 | 259  | 3.39 | 227  | 2.26  | 270  | 3.82   | 276   |
| 277 | MT6201 | IR96408H                      | 2.92      | 269  | 4.93      | 285  | 5.83 | 252  | 3.23 | 255  | 2.17  | 280  | 3.82   | 277   |
| 278 | MT6022 | IR 11C214                     | 2.94      | 265  | 5.54      | 189  | 5.62 | 277  | 2.66 | 304  | 2.29  | 266  | 3.81   | 278   |
| 279 | MT6046 | IR11T257                      | 3.30      | 210  | 4.95      | 280  | 5.42 | 297  | 3.04 | 275  | 2.28  | 267  | 3.80   | 279   |
| 280 | MT6292 | PR41832-3B-30                 | 3.31      | 207  | 5.19      | 252  | 5.59 | 280  | 3.32 | 239  | 1.50  | 317  | 3.78   | 280   |
| 281 | MT6324 | PR 41211-14-2-2-B             | NA        |      | 5.11      | 263  | 5.84 | 248  | 2.97 | 279  | 1.96  | 295  | 3.78   | 281   |
| 282 | MT6124 | IR12A242                      | 2.98      | 259  | 5.33      | 227  | 5.62 | 278  | 2.69 | 300  | 2.22  | 274  | 3.77   | 282   |
| 283 | MT6073 | IR12T154                      | 2.88      | 275  | 4.95      | 282  | 5.62 | 276  | 2.76 | 294  | 2.54  | 233  | 3.75   | 283   |
| 284 | MT6212 | GSR IR2-11-R9-Y1-L2           | 3.45      | 184  | 5.03      | 273  | 5.80 | 255  | 2.72 | 297  | 1.72  | 309  | 3.74   | 284   |
| 285 | MT6192 | IR95611-B-1-2-B-B             | 2.89      | 272  | 4.85      | 289  | 5.79 | 258  | 2.78 | 291  | 2.40  | 254  | 3.74   | 285   |
| 286 | MT6066 | IR13T145                      | 2.89      | 271  | 4.84      | 290  | 5.59 | 282  | 3.40 | 224  | 1.99  | 294  | 3.74   | 286   |
| 287 | MT6043 | IR11T180                      | 2.85      | 279  | 5.15      | 257  | 5.65 | 273  | 2.99 | 277  | 2.06  | 288  | 3.74   | 287   |
| 288 | MT6071 | IR11T167                      | 2.94      | 267  | 4.74      | 298  | 5.49 | 289  | 2.73 | 296  | 2.81  | 175  | 3.74   | 288   |
| 289 | MT6057 | IR11T177                      | 3.02      | 255  | 4.95      | 279  | 5.76 | 264  | 2.98 | 278  | 1.95  | 296  | 3.73   | 289   |
| 290 | MT6090 | IR64                          | 3.23      | 227  | 4.92      | 286  | 5.50 | 287  | 2.50 | 309  | 2.41  | 251  | 3.71   | 290   |
| 291 | MT6268 | PR42300                       | 2.98      | 260  | 4.47      | 304  | 5.76 | 265  | 2.66 | 302  | 2.64  | 210  | 3.70   | 291   |
| 292 | MT6037 | IR 91648-B-1-B-3-1            | 3.02      | 254  | 4.81      | 293  | 5.49 | 291  | 3.24 | 254  | 1.94  | 298  | 3.70   | 292   |
| 293 | MT6206 | IR10M284                      | 2.43      | 307  | 4.87      | 288  | 5.52 | 285  | 2.90 | 281  | 2.74  | 185  | 3.69   | 293   |
| 294 | MT6176 | IR13A441                      | 2.70      | 289  | 5.07      | 266  | 5.44 | 293  | 3.20 | 259  | 1.89  | 302  | 3.66   | 294   |
| 295 | MT6211 | GSR IR2-12-Y1-U1-R2           | 3.26      | 217  | 4.81      | 292  | 5.27 | 303  | 2.72 | 298  | 2.10  | 287  | 3.63   | 295   |
| 296 | MT6304 | PR40408-6-1-1                 | 2.94      | 266  | 4.82      | 291  | 5.32 | 300  | 2.75 | 295  | 2.26  | 271  | 3.62   | 296   |
| 297 | MT6298 | PR40356-5-3-2                 | NA        |      | 4.67      | 299  | 5.26 | 304  | 2.78 | 290  | 2.52  | 236  | 3.61   | 297   |
| 298 | MT6321 | PR 40455-1-2-1-1-3-B          | 3.13      | 236  | 4.66      | 301  | 5.49 | 290  | 2.59 | 306  | 1.95  | 297  | 3.56   | 298   |
| 299 | MT6082 | IR12T157                      | 2.55      | 302  | 4.79      | 295  | 5.49 | 288  | 2.56 | 307  | 2.21  | 276  | 3.52   | 299   |
| 300 | MT6262 | PR41035-B-B-2-3               | 2.56      | 301  | 4.94      | 284  | 5.70 | 270  | 2.40 | 313  | 1.81  | 308  | 3.48   | 300   |
| 301 | MT6044 | IR11T196                      | 2.68      | 290  | 4.38      | 307  | 5.02 | 307  | 2.84 | 285  | 2.45  | 246  | 3.48   | 301   |
| 302 | MT6273 | PR42289                       | 2.66      | 292  | 4.42      | 305  | 5.35 | 298  | 2.80 | 288  | 2.10  | 286  | 3.47   | 302   |
| 303 | MT6193 | IR95610-B-13-3-B-B            | 2.55      | 303  | 5.04      | 271  | 5.33 | 299  | 2.19 | 317  | 2.21  | 275  | 3.46   | 303   |
| 304 | MT6286 | PR 42053-75-4B-1B-B           | 2.43      | 309  | 4.80      | 294  | 4.89 | 309  | 2.86 | 283  | 2.15  | 284  | 3.42   | 304   |
| 305 | MT6094 | IR13A157                      | 2.76      | 286  | 4.53      | 303  | 5.30 | 301  | 2.96 | 280  | 1.53  | 315  | 3.42   | 305   |
| 306 | MT6095 | IR13A387                      | 3.09      | 243  | 4.55      | 302  | 5.07 | 305  | 2.68 | 301  | 1.58  | 311  | 3.40   | 306   |
| 307 | MT6017 | IR 11C186                     | 2.67      | 291  | 4.66      | 300  | 5.05 | 306  | 2.46 | 311  | 2.03  | 291  | 3.37   | 307   |
| 308 | MT6329 | 14DS-GMET-1                   | 2.28      | 311  | 4.26      | 311  | 5.51 | 286  | 2.83 | 286  | 1.57  | 312  | 3.29   | 308   |
| 309 | MT6199 | IR96391H                      | 2.72      | 287  | 3.92      | 313  | 5.43 | 296  | 2.81 | 287  | 1.56  | 313  | 3.29   | 309   |
| 310 | MT6189 | IR95610-B-13-2-B-B            | 2.29      | 310  | 4.95      | 278  | 5.28 | 302  | 2.16 | 319  | 1.66  | 310  | 3.27   | 310   |
| 311 | MT6039 | IR 89709-29-11-3-3            | 2.62      | 298  | 3.72      | 317  | 4.90 | 308  | 2.42 | 312  | 2.36  | 260  | 3.20   | 311   |
| 312 | MT6297 | PR40366-2-2-1                 | 2.79      | 283  | 4.36      | 308  | 4.77 | 312  | 2.22 | 316  | 1.83  | 307  | 3.19   | 312   |
| 313 | MT6301 | PR40346-4-2-1                 | 2.50      | 305  | 3.89      | 314  | 4.79 | 311  | 2.63 | 305  | 2.12  | 285  | 3.18   | 313   |
| 314 | MT6041 | IR 90778-4-1-1-3-3            | 2.89      | 273  | 4.30      | 310  | 4.51 | 314  | 2.27 | 315  | 1.85  | 305  | 3.16   | 314   |
| 315 | MT6042 | IR 90834-3-2-2-3-3            | 2.60      | 299  | 4.33      | 309  | 4.30 | 320  | 2.29 | 314  | 1.48  | 319  | 3.00   | 315   |
| 316 | MT6038 | IR 89705-2-1-1-3-2            | 2.25      | 312  | 4.15      | 312  | 4.45 | 315  | 2.48 | 310  | 1.38  | 321  | 2.94   | 316   |
| 317 | MT4901 | PSB Rc10                      | 2.45      | 306  | 3.56      | 319  | 4.32 | 319  | 2.66 | 303  | 1.54  | 314  | 2.91   | 317   |
| 318 | MT6302 | PR40356-1-5-3                 | 1.51      | 317  | 3.80      | 315  | 4.80 | 310  | 2.85 | 284  | 1.47  | 320  | 2.89   | 318   |
| 319 | MT6040 | IR 91981-18-1-1-2-2           | 2.65      | 294  | 3.56      | 318  | 4.22 | 321  | 2.06 | 320  | 1.85  | 306  | 2.87   | 319   |
| 320 | MT6303 | PR40366-2-1-1                 | 2.07      | 314  | 3.41      | 321  | 4.71 | 313  | 2.54 | 308  | 1.50  | 318  | 2.85   | 320   |
| 321 | MT6188 | IR95624-B-14-2-B-B            | 2.08      | 313  | 3.75      | 316  | 4.36 | 317  | 1.60 | 322  | 1.52  | 316  | 2.66   | 321   |
| 322 | MT6153 | IR12N126                      | 1.79      | 315  | 3.36      | 322  | 4.44 | 316  | 1.57 | 323  | 1.15  | 322  | 2.46   | 322   |
| 323 | MT6300 | PR40364-4-1-1                 | 1.51      | 318  | 3.48      | 320  | 4.33 | 318  | 1.84 | 321  | 1.04  | 324  | 2.44   | 323   |
| 324 | MT6296 | PR40348-7-5-1                 | 1.62      | 316  | 3.18      | 323  | 3.96 | 323  | 2.16 | 318  | 1.06  | 323  | 2.40   | 324   |

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