

# Plot # I

## Plant Density & Composition in Percent

### Data From Permanent Transects

Transect #1

Transect #2

Transect #3

| Date & Percent<br>Change | Seeded<br>Grasses | Seeded<br>Legumes | *Native Per<br>Grasses | *Native Ann<br>Grasses | Forbes | Brush | Litter | Bare | Seeded<br>Grasses | Seeded<br>Legumes | *Native Per<br>Grasses | *Native Ann<br>Grasses | Forbes | Brush | Litter | Bare | Seeded<br>Grasses | Seeded<br>Legumes | *Native Per<br>Grasses | *Native Ann<br>Grasses | Forbes | Brush | Litter | Bare |
|--------------------------|-------------------|-------------------|------------------------|------------------------|--------|-------|--------|------|-------------------|-------------------|------------------------|------------------------|--------|-------|--------|------|-------------------|-------------------|------------------------|------------------------|--------|-------|--------|------|
| 4-11-1961                | 2                 | -                 | -                      | -                      | 1      | 3     | -      | 94   | 30                | -                 | -                      | 3                      | 25     | 6     | -      | 36   | 14                | -                 | -                      | -                      | 35     | 2     | -      | 49   |
| Change                   | +11               | -                 | -                      | +40                    | +7     | -1    | +4     | -61  | +24               | -                 | -1                     | -21                    | -5     | +2    | +1     | +11  | -                 | -                 | -                      | -35                    | -2     | +3    | +23    |      |
| 3-8-1962                 | 13                | -                 | -                      | 40                     | 8      | 2     | 4      | 33   | 54                | -                 | 2                      | 4                      | 1      | 2     | 37     | 25   | -                 | -                 | -                      | 0                      | 0      | 3     | 72     |      |
| Change                   | +11               | -                 | +13                    | -19                    | -2     | -2    | +23    | -24  | +9                | -                 | +3                     | +4                     | -2     | -1    | +3     | -16  | +45               | -                 | -                      | -                      | +1     | 0     | +6     | -56  |
| 2-28-1962                | 24                | -                 | 13                     | 21                     | 6      | 0     | 27     | 9    | 63                | -                 | 3                      | 6                      | 2      | 0     | 5      | 21   | 70                | -                 | 4                      | 1                      | 0      | 9     | 16     |      |
| Change                   | -9                | -                 | -3                     | +12                    | +20    | -     | -21    | +1   | -10               | -                 | -2                     | +18                    | -1     | -     | +6     | -11  | -21               | -                 | -3                     | 0                      | -      | +1    | +23    |      |
| 2-11-1964                | 15                | -                 | 10                     | 33                     | 26     | -     | 6      | 10   | 53                | -                 | 1                      | 24                     | 1      | -     | 11     | 10   | 49                | -                 | 1                      | 1                      | -      | 10    | 39     |      |
| Change                   | -3                | -                 | 0                      | +7                     | +3     | -     | -6     | -1   | 0                 | -                 | -1                     | +19                    | 0      | -     | -10    | -8   | -18               | -                 | -1                     | 0                      | -      | -4    | +23    |      |
| 1-20-1965                | 12                | -                 | 10                     | 40                     | 29     | -     | 0      | 9    | 53                | -                 | 0                      | 43                     | 1      | -     | 1      | 2    | 31                | -                 | 0                      | 1                      | -      | 6     | 62     |      |
| Change                   | -10               | -                 | -7                     | -11                    | -1     | -     | +9     | +20  | -25               | -                 | +7                     | -1                     | -      | +5    | +12    | -16  | -                 | -                 | +40                    | 0                      | -      | +2    | -26    |      |
| 4-12-1966                | 2                 | -                 | 3                      | 29                     | 28     | -     | 9      | 29   | 28                | -                 | -                      | 50                     | 0      | -     | 6      | 14   | 15                | -                 | -                      | 40                     | 1      | -     | 8      | 36   |
| Change                   | +1                | -                 | -1                     | -27                    | +6     | +2    | -1     | +20  | +14               | -                 | -18                    | +14                    | -      | -1    | -7     | +11  | -                 | -                 | -3                     | +4                     | -      | +3    | -15    |      |
| 2-2-1967                 | 3                 | -                 | 2                      | 2                      | 34     | 2     | 8      | 49   | 42                | -                 | -                      | 32                     | 14     | -     | 5      | 7    | 26                | -                 | -                      | 37                     | 5      | -     | 11     | 21   |

\* Native Perennial  
grasses not  
measured first  
2 years.  
\* Native Annual  
grasses includes  
nutritional species.

# Plot # II

## Plant Density & Composition in Percent

### Data From Permanent Transects

| Date of Percent Change | Transect #1    |                |                   |         |                |         |        |       |        |      | Transect #2    |                |                   |         |                |         |        |       |        |      | Transect #3    |                |                   |         |                |         |        |       |        |      |
|------------------------|----------------|----------------|-------------------|---------|----------------|---------|--------|-------|--------|------|----------------|----------------|-------------------|---------|----------------|---------|--------|-------|--------|------|----------------|----------------|-------------------|---------|----------------|---------|--------|-------|--------|------|
|                        | Seeded Grasses | Seeded Legumes | Native Perennials | Grasses | Native Annuals | Grasses | Forbes | Brush | Litter | Bare | Seeded Grasses | Seeded Legumes | Native Perennials | Grasses | Native Annuals | Grasses | Forbes | Brush | Litter | Bare | Seeded Grasses | Seeded Legumes | Native Perennials | Grasses | Native Annuals | Grasses | Forbes | Brush | Litter | Bare |
| 4-11-1961              |                |                |                   | 12      | 38             | 16      | 18     | 16    | 2      | -    | 14             | 29             | 4                 | 10      | 43             |         |        |       |        |      |                |                |                   |         |                |         |        |       |        |      |
| Change                 | +7             | -              | -                 | +26     | -26            | -11     | +6     | -2    | -1     | -    | -              | +6             | -8                |         | +16            | -13     |        |       |        |      |                |                |                   |         |                |         |        |       |        |      |
| 3-8-1962               | 7              | -              | -                 | 38      | 12             | 5       | 24     | 14    | 1      | -    | 20             | 19             | 4                 | 26      | 30             |         |        |       |        |      |                |                |                   |         |                |         |        |       |        |      |
| Change                 | -5             | -              | +2                | +6      | -3             | -2      | +5     | -3    | +10    | -    | +13            | +3             | +3                | 0       | -4             | -26     |        |       |        |      |                |                |                   |         |                |         |        |       |        |      |
| 2-28-1963              | 2              | -              | 2                 | 44      | 9              | 3       | 29     | 11    | 12     | -    | 13             | 23             | 22                | 4       | 22             | 4       |        |       |        |      |                |                |                   |         |                |         |        |       |        |      |
| Change                 | +3             | -              | -2                | +19     | +11            | +4      | -24    | -8    | -8     | -    | -2             | +2             | +2                | +5      | -18            | -1      |        |       |        |      |                |                |                   |         |                |         |        |       |        |      |
| 2-11-1964              | 5              | -              | 0                 | 63      | 20             | 4       | 5      | 3     | 4      | -    | 11             | 43             | 24                | 9       | 4              | 5       |        |       |        |      |                |                |                   |         |                |         |        |       |        |      |
| Change                 | -3             | -              | +15               | -26     | +8             | +5      | +1     | 0     | -2     | -    | -10            | 6              | -3                | 4       | +8             | +3      |        |       |        |      |                |                |                   |         |                |         |        |       |        |      |
| 2-3-1965               | 2              | -              | 15                | 37      | 28             | 9       | 6      | 3     | 2      | -    | 1              | 43             | 21                | 13      | 12             | 8       |        |       |        |      |                |                |                   |         |                |         |        |       |        |      |
| Change                 | +1             | -              | -15               | +20     | -20            | +15     | +2     | +21   | -2     | +1   | +5             | +9             | -10               | +1      | -5             | +1      |        |       |        |      |                |                |                   |         |                |         |        |       |        |      |
| 4-12-1966              | 3              | -              | 0                 | 57      | 8              | 24      | 8      | 24    | 0      | 1    | 6              | 52             | 11                | 14      | 7              | 9       |        |       |        |      |                |                |                   |         |                |         |        |       |        |      |
| Change                 | -3             | -              | -                 | -28     | +9             | -1      | +14    | -15   | +1     | -1   | +5             | -40            | +20               | +6      | +13            | -4      |        |       |        |      |                |                |                   |         |                |         |        |       |        |      |
| 2-2-1967               | 0              | -              | -                 | 29      | 17             | 23      | 22     | 9     | 1      | 0    | 11             | 12             | 31                | 20      | 20             | 5       |        |       |        |      |                |                |                   |         |                |         |        |       |        |      |

\* Native Perennials  
grasses not  
measured in first  
years

\* Native annual  
grasses include  
naturalized spec

# Plot # III

## Plant Density & Composition in Percent

Data From Permanent Transects

Transect #1

Transect #2

Transect #3

| Date of Percent Change | Seeded Grasses | Seeded Legumes | Native Per Grasses | **Native And Grasses | Forbes | Brush | Litter | Bare | Seeded Grasses | Seeded Legumes | Native Per Grasses | **Native And Grasses | Forbes | Brush | Litter | Bare | Seeded Grasses | Seeded Legumes | Native Per Grasses | **Native And Grasses | Forbes | Brush | Litter | Bare |
|------------------------|----------------|----------------|--------------------|----------------------|--------|-------|--------|------|----------------|----------------|--------------------|----------------------|--------|-------|--------|------|----------------|----------------|--------------------|----------------------|--------|-------|--------|------|
| 10-12-1965*            | -              | -              | -                  | -                    | -      | 1     | -      | 99   | -              | -              | -                  | -                    | -      | 1     | -      | 99   | -              | -              | -                  | -                    | -      | 4     | -      | 96   |
| Change                 | +7             | +1             | -                  | +16                  | +8     | -1    | +19    | -50  | +2             | +14            | -                  | +25                  | +3     | -1    | +10    | -53  | +2             | +8             | -                  | +11                  | +3     | -4    | +17    | -36  |
| 4-13-1966              | 7              | 1              | -                  | 16                   | 8      | 0     | 19     | 49   | 2              | 14             | -                  | 25                   | 3      | 0     | 10     | 46   | 2              | 8              | -                  | 11                   | 3      | 0     | 17     | 60   |
| Change                 | +5             | 0              | +1                 | +21                  | +2     | +3    | -4     | -28  | +10            | -13            | -                  | 48                   | 0      | -     | -6     | -39  | +1             | -5             | -                  | +44                  | 0      | +1    | -3     | -39  |
| 2-2-1967               | 12             | 1              | 1                  | 37                   | 10     | 3     | 15     | 21   | 12             | 1              | -                  | 13                   | 3      | -     | 4      | 7    | 3              | 3              | -                  | 55                   | 3      | 1     | 14     | 21   |

\* Measured following first drying, litter not measured.

\*\* Native annual grasses includes naturalized species.

# Plot #1

## Plant Composition & Overall Density in Percent Data From Step-Point Analysis

| Date & Percent Change | Transect #1    |                |                     |                     |        |                 | Transect #2    |                |                     |                     |        |                 | Transect #3    |                |                     |                     |        |                 | Transect #4    |                |                     |                     |        |                 |
|-----------------------|----------------|----------------|---------------------|---------------------|--------|-----------------|----------------|----------------|---------------------|---------------------|--------|-----------------|----------------|----------------|---------------------|---------------------|--------|-----------------|----------------|----------------|---------------------|---------------------|--------|-----------------|
|                       | Seeded Grasses | Seeded Legumes | Native Per. Grasses | Native Ann. Grasses | Forbes | Overall Density | Seeded Grasses | Seeded Legumes | Native Per. Grasses | Native Ann. Grasses | Forbes | Overall Density | Seeded Grasses | Seeded Legumes | Native Per. Grasses | Native Ann. Grasses | Forbes | Overall Density | Seeded Grasses | Seeded Legumes | Native Per. Grasses | Native Ann. Grasses | Forbes | Overall Density |
| 2-28-1963             | 53             | -              | 8                   | 27                  | 12     | 48              | 82             | -              | -                   | 9                   | 9      | 50              | 73             | -              | -                   | 10                  | 17     | 69              |                |                |                     |                     |        |                 |
| Change                | -7             | -              | +3                  | 0                   | +4     | +26             | -16            | -              | -                   | +20                 | -4     | +11             | +9             | -              | -                   | -8                  | -1     | -31             |                |                |                     |                     |        |                 |
| 2-11-1964             | 46             | -              | 11                  | 27                  | 16     | 74              | 66             | -              | -                   | 29                  | 5      | 61              | 82             | -              | -                   | 2                   | 16     | 38              |                |                |                     |                     |        |                 |
| Change                | -24            | +1             | -5                  | +18                 | +10    | -3              | -9             | -              | -                   | +8                  | +1     | +13             | -12            | -              | +1                  | +17                 | -6     | +13             |                |                |                     |                     |        |                 |
| 1-20-1965             | 22             | 1              | 6                   | 45                  | 26     | 71              | 57             | -              | -                   | 37                  | 6      | 74              | 70             | -              | 1                   | 19                  | 10     | 51              |                |                |                     |                     |        |                 |
| Change                | -17            | -1             | -1                  | +7                  | +12    | -2              | -31            | -              | -                   | +36                 | -5     | +2              | -54            | -              | 0                   | +61                 | -7     | +14             |                |                |                     |                     |        |                 |
| 4-12-1966             | 5              | 0              | 5                   | 52                  | 38     | 69              | 26             | -              | -                   | 73                  | 1      | 76              | 16             | -              | 1                   | 80                  | 3      | 65              |                |                |                     |                     |        |                 |
| Change                | +4             | -              | +2                  | -22                 | +14    | -31             | +25            | -              | -                   | -36                 | +11    | +6              | +22            | -              | -1                  | -26                 | +5     | -7              |                |                |                     |                     |        |                 |
| 2-2-1967              | 9              | -              | 7                   | 30                  | 52     | 38**            | 51             | -              | -                   | 37                  | 12     | 82              | 38             | -              | 0                   | 54                  | 8      | 58              |                |                |                     |                     |        |                 |

P10t#II

Plant Composition & Overall Density in Percent  
Data From Step-Point Analysis

P10t# III

# Plant Composition & Overall Density in Percent Data From Step-Point Analysis

| Date & Percent Change | Transect #1    |                |                     |                     |        |                 | Transect #2    |                |                     |                     |        |                 | Transect #3    |                |                     |                     |        |                 | Transect #4    |                |                     |                     |        |                 |
|-----------------------|----------------|----------------|---------------------|---------------------|--------|-----------------|----------------|----------------|---------------------|---------------------|--------|-----------------|----------------|----------------|---------------------|---------------------|--------|-----------------|----------------|----------------|---------------------|---------------------|--------|-----------------|
|                       | Seeded Grasses | Seeded Legumes | Native Per. Grasses | Native Ann. Grasses | Forbes | Overall Density | Seeded Grasses | Seeded Legumes | Native Per. Grasses | Native Ann. Grasses | Forbes | Overall Density | Seeded Grasses | Seeded Legumes | Native Per. Grasses | Native Ann. Grasses | Forbes | Overall Density | Seeded Grasses | Seeded Legumes | Native Per. Grasses | Native Ann. Grasses | Forbes | Overall Density |
| 3-4-1966              | 19             | 11             | -                   | 41                  | 29     | 14              | 16             | 9              | -                   | 57                  | 18     | 25              | 17             | 13             | -                   | 32                  | 38     | 24              |                |                |                     |                     |        |                 |
| Change                | -3             | +5             | -                   | -5                  | +3     | +2              | -10            | +17            | -                   | -1                  | -6     | -1              | +4             | +22            | -                   | -9                  | -17    | +11             |                |                |                     |                     |        |                 |
| 9-13-1966             | 16             | 16             | -                   | 36                  | 32     | 16              | 6              | 26             | -                   | 56                  | 12     | 24              | 21             | 35             | -                   | 23                  | 21     | 35              |                |                |                     |                     |        |                 |
| Change                | -3             | -13            | -                   | +29                 | -13    | +9              | +13            | -19            | -                   | 0                   | +6     | +51             | 0              | -23            | -                   | +40                 | -17    | +35             |                |                |                     |                     |        |                 |
| 2-2-67                | 13             | 3              | -                   | 65                  | 19     | 65              | 19             | 7              | -                   | 56                  | 18     | 95              | 21             | 12             | -                   | 63                  | 4      | 70              |                |                |                     |                     |        |                 |