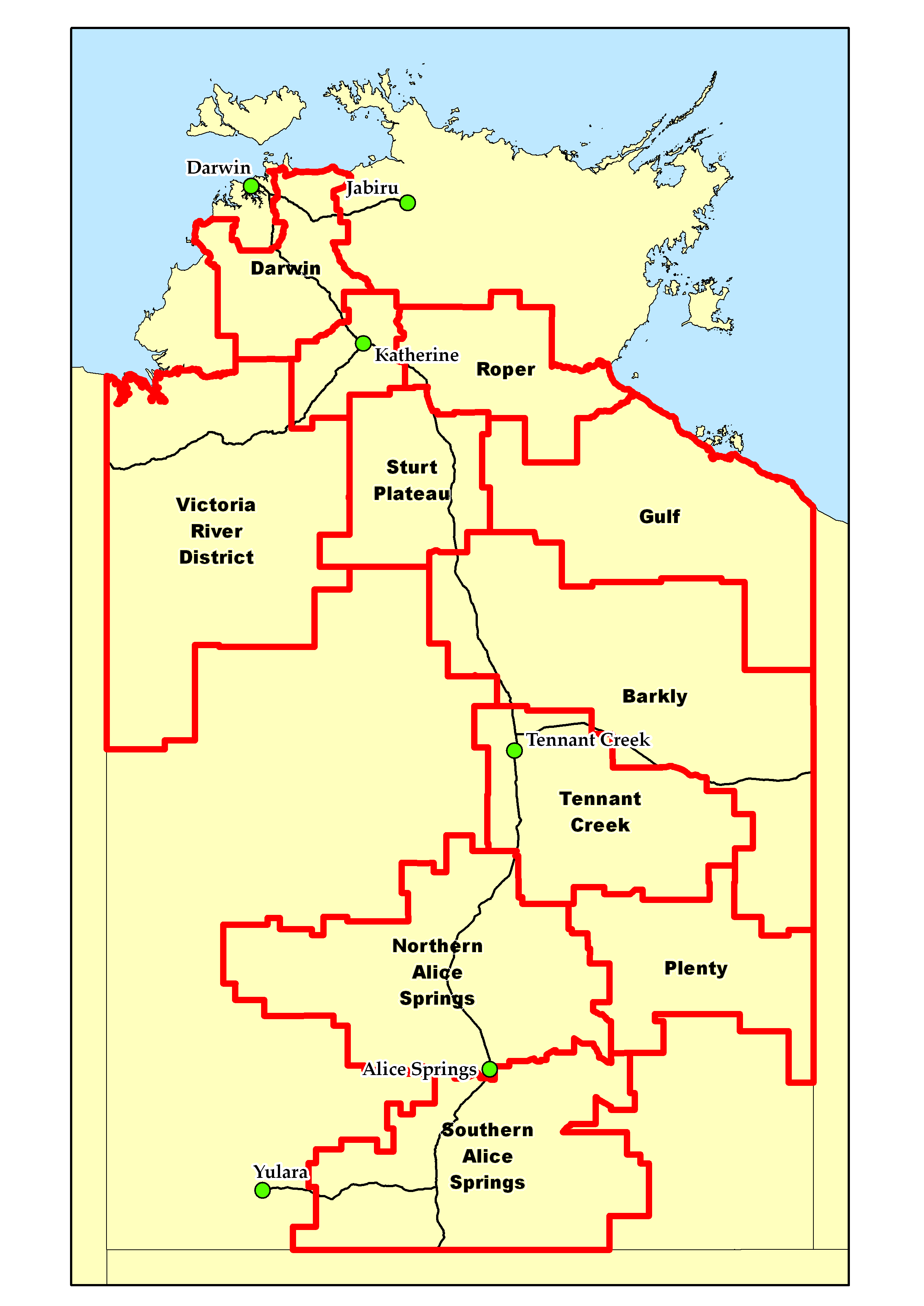
# NT Pastoral Feed Outlook - December 2016

The purpose of this quarterly outlook is to summarise information relevant to the pastoral industry such as current feed supplies, seasonal conditions, the development of drought conditions in central Australia and fire risk.

You can see the entire document and all districts by continuing to scroll through this file. If you are interested in selected sections, you can click on the links below.

[Summary of current situation & trends - all districts](#_Summary_of_current)

[Northern Territory Seasonal Outlook – as at December 2016](#_Northern_Territory_Seasonal)

Individual District Summaries:

* [Darwin District](#_Darwin_District)
* [Katherine District](#Katherine_District" \o "Katherine District)

* [Victoria River District](#_Victoria_River_District)
* [Sturt Plateau District](#_Sturt_Plateau_District)
* [Roper District](#_Roper_District)
* [Gulf District](#_Gulf_District)
* [Barkly District](#_Barkly_District)
* [Tennant Creek District](#_Tennant_Creek_District)
* [Northern Alice Springs District](#_Northern_Alice_Springs)
* [Plenty District](#_Plenty_District)
* [Southern Alice Springs District](#_Southern_Alice_Springs)

# Summary of current situation & trends - all districts – December 2016

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | Green = low risk | Orange = watch | Red = high risk |

|  |  |  |  |
| --- | --- | --- | --- |
| KEY | ↑ = increasing trend | ↓ = decreasing trend | ↔ = steady |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Northern Territory Pastoral Districts** | | | | | | | | | | |  |
| **Indicator** | **Darwin** | **Katherine** | **VRD** | **Sturt Plateau** | **Roper** | **Gulf** | **Barkly** | **Tennant Creek** | **Northern Alice Springs** | **Plenty** | **Southern Alice Springs** | **Comments** |
| 2016/17 total pasture growth | **↓** | **↓** | **↓** | **↓** | **↓** | **↓** | **↓** | **↑** | **↑** | **↑** | **↑** | Arrows indicate trend compared to the long-term median. |
| Current estimated standing biomass | **↔** | **↓** | **↓** | **↓** | **↓** | **↓** | **↓** | **↑** | **↑** | **↑** | **↑** | Arrows indicate trend since previous quarter. |
| Current seasonal outlook | **↔** | **↓** | **↓** | **↓** | **↓** | **↓** | **↓** | **↑** | **↑** | **↔** | **↑** | Arrows indicate the trend since previous quarter and taking into account the forecasted model predictions. |
| Current fire risk | **↓** | **↓** | **↔** | **↔** | **↔** | **↓** | **↓** | **↑** | **↑** | **↑** | **↑** | Arrows indicate the trend since previous quarter. |

**For further information about this Outlook, please contact Chris Materne on 8951 8135 or Caroline Pettit on 8999 9014**

# J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-11 NT Pastoral Feed Outlook\Monthly Advsory Bulletins\2016\2016_12Dec\mapcache_Temp.pngJ:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-09 NT Advisory Bulletin\Monthly Advsory Bulletins\2014_09Sept\legend_tmax_median.pngJ:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-11 NT Pastoral Feed Outlook\Monthly Advsory Bulletins\2016\2016_12Dec\mapcache.pngJ:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-09 NT Advisory Bulletin\Monthly Advsory Bulletins\2014_09Sept\legend_rain_median.pngNorthern Territory Seasonal Outlook as at December 2016

**Sourced from the Australian Bureau of Meteorology**

<http://www.bom.gov.au/climate/outlooks/>

The national outlook for December 2016 to February 2017 period indicates that:

* **Drier** than average conditions are expected across the majority of the NT in December.
* **Average** rainfall generally expected across the majority of the NT over the next three month period.

Chance of exceeding the median max. temp.

December 2016 to February 2017

Chance of exceeding the median rainfall

December 2016 to February 2017

* **Warmer** than normal days and nights are more likely across the northern and eastern NT.

This outlook is strongly influenced by a climate driver called the Southern Annular Mode (also known as SAM). It is expected to be in a negative phase in December. When this happens in summertime, weather systems are further north than usual, meaning Australia experiences higher pressures than normal. This is typically associated with reduced rainfall and higher temperatures.

|  |  |  |
| --- | --- | --- |
| **Seasonal Indicators** | **Comments** (sourced from the Australian Bureau of Meteorology) | |
| **El Niño Southern Oscillation (ENSO)**  http://www.bom.gov.au/climate/enso/  Current outlook:  **Neutral**  **La Niña WATCH Level**  **(ENSO status)** | **ENSO remains neutral.**  The ENSO in the tropical Pacific Ocean remains neutral (neither El Niño nor La Niña). Although some very weak La Niña-like patterns continue (such as cooler than normal ocean temperatures and reduced cloudiness in the central and eastern Pacific), La Niña thresholds have not been met. Climate models and current observations suggest these patterns will not persist. The likelihood of La Niña developing in the coming months is now low, and hence the Bureau’s ENSO Outlook has shifted from La Niña WATCH to INACTIVE.  When ENSO is neutral it has limited impact on Australian climate. |  |
| **Indian Ocean Dipole (IOD)**  <http://www.bom.gov.au/climate/enso/#tabs=Indian-Ocean>  Current outlook:  **Neutral** | **IOD also neutral.**.  The IOD also remains neutral (neither positive nor negative), as is typical at this time of year.  When the IOD is neutral it has limited impact on Australian climate.  However, the continued presence of much warmer than average water to the north and northwest of Australia may see continued influence on Australia, including enhanced rainfall. | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-11 NT Pastoral Feed Outlook\Monthly Advsory Bulletins\2016\2016_06June\iod1.png |

# Darwin District

**Risks:**

* **In a typical wet season pasture growth in the Darwin region is limited by available soil nitrogen, not water. Therefore a poor wet season may not generally affect the quantity of pasture growth on upland. However it may reduce pasture growth on the floodplains because of low runoff.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | |
|  | <1,000kg/ha | >1,000 & <2,000kg/ha | >2,000 & <3,000kg/ha | >3,000kg/ha |
| Pasture Growth  (kg/ha) | 97% | 3% | 0% | 0% |
| Total Standing Dry Matter  (kg/ha) | 63% | 26% | 9% | 2% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | | |
|  | Below Average | | Average | | Above Average |
| Pasture Growth  (% of district) | 14% | | 50% | | 36% |
| Total Standing Dry Matter  (% of district) | 63% | | 23% | | 14% |
| Fire Risk  (% of district) | High  51% | | Moderate  49% | | Low  0% |
| Area Burnt  (% of district) | 50% (since 1st January 2016)  21% (2016/17 Total Area Burnt) | | | | |
|  | | | | | |
| ***2015/16 Median Pasture Growth (kg/ha)***  ***(Running Total)*** | | ***Chance of exceeding Median Pasture Growth***  ***(December 2016 – February 2017)*** | | | |
|  | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-09 NT Advisory Bulletin\Monthly Advsory Bulletins\2014_06June\GROWTH PROB LEGEND_cropped.png | |  | |
| ***Total 2016/17 Pasture Growth***  ***(July – December 2016)*** | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-03 AussieGRASS\AussieGRASS Article\Rural Review Articles 2012\Dec2012\Ashampoo_Snap_2012.12.07_12h08m24s_004.png | | ***Current Estimated***  ***Total Standing Dry Matter*** | |

# Katherine District

**Risks:**

* **Nil to report.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | |
|  | <1,000kg/ha | >1,000 & <2,000kg/ha | >2,000 & <3,000kg/ha | >3,000kg/ha |
| Pasture Growth  (kg/ha) | 100% | 0% | 0% | 0% |
| Total Standing Dry Matter  (kg/ha) | 55% | 38% | 6% | 1% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | | |
|  | Below Average | | Average | | Above Average |
| Pasture Growth  (% of district) | 12% | | 52% | | 36% |
| Total Standing Dry Matter  (% of district) | 63% | | 33% | | 4% |
| Fire Risk  (% of district) | High  87% | | Moderate  13% | | Low  0% |
| Area Burnt  (% of district) | 35% (since 1st January 2016)  19% (2016/17 Total Area Burnt) | | | | |
|  | | | | | |
| ***2015/16 Median Pasture Growth (kg/ha)***  ***(Running Total)*** | | ***Chance of exceeding Median Pasture Growth***  ***(December 2016 – February 2017)*** | | | |
|  | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-09 NT Advisory Bulletin\Monthly Advsory Bulletins\2014_06June\GROWTH PROB LEGEND_cropped.png | |  | |
| ***Total 2016/17 Pasture Growth***  ***(July – December 2016)*** | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-03 AussieGRASS\AussieGRASS Article\Rural Review Articles 2012\Dec2012\Ashampoo_Snap_2012.12.07_12h08m24s_004.png | | ***Current Estimated***  ***Total Standing Dry Matter*** | |

# Victoria River District

**Risks:**

* **As at the 1st December 2016, 96% of the district had a high fire risk.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | |
|  | <1,000kg/ha | >1,000 & <2,000kg/ha | >2,000 & <3,000kg/ha | >3,000kg/ha |
| Pasture Growth  (kg/ha) | 100% | 0% | 0% | 0% |
| Total Standing Dry Matter  (kg/ha) | 25% | 46% | 20% | 9% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | | |
|  | Below Average | | Average | | Above Average |
| Pasture Growth  (% of district) | 13% | | 67% | | 20% |
| Total Standing Dry Matter  (% of district) | 36% | | 50% | | 11% |
| Fire Risk  (% of district) | High  96% | | Moderate  4% | | Low  0% |
| Area Burnt  (% of district) | 15% (since 1st January 2016)  8% (2016/17 Total Area Burnt) | | | | |
|  | | | | | |
| ***2015/16 Median Pasture Growth (kg/ha)***  ***(Running Total)*** | | ***Chance of exceeding Median Pasture Growth***  ***(December 2016 – February 2017)*** | | | |
|  | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-09 NT Advisory Bulletin\Monthly Advsory Bulletins\2014_06June\GROWTH PROB LEGEND_cropped.png | |  | |
| ***Total 2016/17 Pasture Growth***  ***(July – December 2016)*** | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-03 AussieGRASS\AussieGRASS Article\Rural Review Articles 2012\Dec2012\Ashampoo_Snap_2012.12.07_12h08m24s_004.png | | ***Current Estimated***  ***Total Standing Dry Matter*** | |

# Sturt Plateau District

**Risks:**

* **As at the 1st December 2016, 94% of the district had a high fire risk.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | |
|  | <1,000kg/ha | >1,000 & <2,000kg/ha | >2,000 & <3,000kg/ha | >3,000kg/ha |
| Pasture Growth  (kg/ha) | 100% | 0% | 0% | 0% |
| Total Standing Dry Matter  (kg/ha) | 53% | 44% | 2% | 1% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | | |
|  | Below Average | | Average | | Above Average |
| Pasture Growth  (% of district) | 7% | | 53% | | 40% |
| Total Standing Dry Matter  (% of district) | 32% | | 67% | | 2% |
| Fire Risk  (% of district) | High  94% | | Moderate  6% | | Low  0% |
| Area Burnt  (% of district) | 8% (since 1st January 2016)  5% (2016/17 Total Area Burnt) | | | | |
|  | | | | | |
| ***2015/16 Median Pasture Growth (kg/ha)***  ***(Running Total)*** | | ***Chance of exceeding Median Pasture Growth***  ***(December 2016 – February 2017)*** | | | |
|  | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-09 NT Advisory Bulletin\Monthly Advsory Bulletins\2014_06June\GROWTH PROB LEGEND_cropped.png | |  | |
| ***Total 2016/17 Pasture Growth***  ***(July – December 2016)*** | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-03 AussieGRASS\AussieGRASS Article\Rural Review Articles 2012\Dec2012\Ashampoo_Snap_2012.12.07_12h08m24s_004.png | | ***Current Estimated***  ***Total Standing Dry Matter*** | |

# Roper District

**Risks:**

* **As at the 1st December 2016, 99% of the district had a high fire risk.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | |
|  | <1,000kg/ha | >1,000 & <2,000kg/ha | >2,000 & <3,000kg/ha | >3,000kg/ha |
| Pasture Growth  (kg/ha) | 100% | 0% | 0% | 0% |
| Total Standing Dry Matter  (kg/ha) | 29% | 52% | 16% | 3% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | | |
|  | Below Average | | Average | | Above Average |
| Pasture Growth  (% of district) | 52% | | 33% | | 15% |
| Total Standing Dry Matter  (% of district) | 55% | | 44% | | 1% |
| Fire Risk  (% of district) | High  99% | | Moderate  1% | | Low  0% |
| Area Burnt  (% of district) | 13% (since 1st January 2016)  8% (2016/17 Total Area Burnt) | | | | |
|  | | | | | |
| ***2015/16 Median Pasture Growth (kg/ha)***  ***(Running Total)*** | | ***Chance of exceeding Median Pasture Growth***  ***(December 2016 – February 2017)*** | | | |
|  | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-09 NT Advisory Bulletin\Monthly Advsory Bulletins\2014_06June\GROWTH PROB LEGEND_cropped.png | |  | |
| ***Total 2016/17 Pasture Growth***  ***(July – December 2016)*** | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-03 AussieGRASS\AussieGRASS Article\Rural Review Articles 2012\Dec2012\Ashampoo_Snap_2012.12.07_12h08m24s_004.png | | ***Current Estimated***  ***Total Standing Dry Matter*** | |

# Gulf District

**Risks:**

* **In 2015/16 the Gulf district experienced a below average season. As at the 1st December 2016, 76% of the district had below average TSDM, 52% having below 1000kg/ha TSDM. The forecast for the next three months suggests below average pasture growth over much of the district.**
* **As at the 1st December 2016, 92% of the district had a high fire risk.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | |
|  | <1,000kg/ha | >1,000 & <2,000kg/ha | >2,000 & <3,000kg/ha | >3,000kg/ha |
| Pasture Growth  (kg/ha) | 100% | 0% | 0% | 0% |
| Total Standing Dry Matter  (kg/ha) | 52% | 29% | 15% | 4% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | | |
|  | Below Average | | Average | | Above Average |
| Pasture Growth  (% of district) | 52% | | 33% | | 15% |
| Total Standing Dry Matter  (% of district) | 55% | | 44% | | 1% |
| Fire Risk  (% of district) | High  92% | | Moderate  8% | | Low  0% |
| Area Burnt  (% of district) | 9% (since 1st January 2016)  8% (2016/17 Total Area Burnt) | | | | |
|  | | | | | |
| ***2015/16 Median Pasture Growth (kg/ha)***  ***(Running Total)*** | | ***Chance of exceeding Median Pasture Growth***  ***(December 2016 – February 2017)*** | | | |
|  | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-09 NT Advisory Bulletin\Monthly Advsory Bulletins\2014_06June\GROWTH PROB LEGEND_cropped.png | |  | |
| ***Total 2016/17 Pasture Growth***  ***(July – December 2016)*** | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-03 AussieGRASS\AussieGRASS Article\Rural Review Articles 2012\Dec2012\Ashampoo_Snap_2012.12.07_12h08m24s_004.png | | ***Current Estimated***  ***Total Standing Dry Matter*** | |

# Barkly District

**Risks:**

* **Nil to report.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | |
|  | <250kg/ha | >250 & <500kg/ha | >5000 & <1,000kg/ha | >1,000kg/ha |
| Pasture Growth  (kg/ha) | 100% | 0% | 0% | 0% |
| Total Standing Dry Matter  (kg/ha) | 1% | 23% | 49% | 27% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | | |
|  | Below Average | | Average | | Above Average |
| Pasture Growth  (% of district) | 3% | | 41% | | 56% |
| Total Standing Dry Matter  (% of district) | 10% | | 51% | | 39% |
| Fire Risk  (% of district) | High  79% | | Moderate  21% | | Low  0% |
| Area Burnt  (% of district) | 1% (since 1st January 2016)  <1% (2016/17 Total Area Burnt) | | | | |
|  | | | | | |
| ***2015/16 Median Pasture Growth (kg/ha)***  ***(Running Total)*** | | ***Chance of exceeding Median Pasture Growth***  ***(December 2016 – February 2017)*** | | | |
|  | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-09 NT Advisory Bulletin\Monthly Advsory Bulletins\2014_06June\GROWTH PROB LEGEND_cropped.png | |  | |
| ***Total 2016/17 Pasture Growth***  ***(July – December 2016)*** | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-03 AussieGRASS\AussieGRASS Article\Rural Review Articles 2012\Dec2012\Ashampoo_Snap_2012.12.07_12h08m24s_004.png | | ***Current Estimated***  ***Total Standing Dry Matter*** | |

# Tennant Creek District

**Risks:**

* **As at the 1st December 2016, 94% of the district had a high fire risk.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | |
|  | <250kg/ha | >250 & <500kg/ha | >5000 & <1,000kg/ha | >1,000kg/ha |
| Pasture Growth  (kg/ha) | 100% | 0% | 0% | 0% |
| Total Standing Dry Matter  (kg/ha) | 1% | 7% | 19% | 73% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | | |
|  | Below Average | | Average | | Above Average |
| Pasture Growth  (% of district) | 3% | | 41% | | 56% |
| Total Standing Dry Matter  (% of district) | 9% | | 46% | | 45% |
| Fire Risk  (% of district) | High  94% | | Moderate  6% | | Low  0% |
| Area Burnt  (% of district) | 1% (since 1st January 2016)  <1% (2016/17 Total Area Burnt) | | | | |
|  | | | | | |
| ***2015/16 Median Pasture Growth (kg/ha)***  ***(Running Total)*** | | ***Chance of exceeding Median Pasture Growth***  ***(December 2016 – February 2017)*** | | | |
|  | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-09 NT Advisory Bulletin\Monthly Advsory Bulletins\2014_06June\GROWTH PROB LEGEND_cropped.png | |  | |
| ***Total 2016/17 Pasture Growth***  ***(July – December 2016)*** | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-03 AussieGRASS\AussieGRASS Article\Rural Review Articles 2012\Dec2012\Ashampoo_Snap_2012.12.07_12h08m24s_004.png | | ***Current Estimated***  ***Total Standing Dry Matter*** | |

# Northern Alice Springs District

**Risks:**

* **As at the 1st December 2016, 99% of the district had a high fire risk.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | |
|  | <250kg/ha | >250 & <500kg/ha | >5000 & <1,000kg/ha | >1,000kg/ha |
| Pasture Growth  (kg/ha) | 99% | 1% | 0% | 0% |
| Total Standing Dry Matter  (kg/ha) | 1% | 5% | 25% | 69% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | | |
|  | Below Average | | Average | | Above Average |
| Pasture Growth  (% of district) | 0% | | 39% | | 61% |
| Total Standing Dry Matter  (% of district) | 4% | | 55% | | 41% |
| Fire Risk  (% of district) | High  99% | | Moderate  1% | | Low  0% |
| Area Burnt  (% of district) | 1% (since 1st January 2016)  1% (2016/17 Total Area Burnt) | | | | |
|  | | | | | |
| ***2015/16 Median Pasture Growth (kg/ha)***  ***(Running Total)*** | | ***Chance of exceeding Median Pasture Growth***  ***(December 2016 – February 2017)*** | | | |
|  | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-09 NT Advisory Bulletin\Monthly Advsory Bulletins\2014_06June\GROWTH PROB LEGEND_cropped.png | |  | |
| ***Total 2016/17 Pasture Growth***  ***(July – December 2016)*** | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-03 AussieGRASS\AussieGRASS Article\Rural Review Articles 2012\Dec2012\Ashampoo_Snap_2012.12.07_12h08m24s_004.png | | ***Current Estimated***  ***Total Standing Dry Matter*** | |

# Plenty District

**Risks:**

* **Nil to report.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | |
|  | <250kg/ha | >250 & <500kg/ha | >5000 & <1,000kg/ha | >1,000kg/ha |
| Pasture Growth  (kg/ha) | 100% | 0% | 0% | 0% |
| Total Standing Dry Matter  (kg/ha) | 3% | 12% | 27% | 58% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | | |
|  | Below Average | | Average | | Above Average |
| Pasture Growth  (% of district) | 0% | | 1% | | 99% |
| Total Standing Dry Matter  (% of district) | 3% | | 39% | | 58% |
| Fire Risk  (% of district) | High  88% | | Moderate  12% | | Low  0% |
| Area Burnt  (% of district) | 0% (since 1st January 2016)  0% (2016/17 Total Area Burnt) | | | | |
|  | | | | | |
| ***2015/16 Median Pasture Growth (kg/ha)***  ***(Running Total)*** | | ***Chance of exceeding Median Pasture Growth***  ***(December 2016 – February 2017)*** | | | |
|  | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-09 NT Advisory Bulletin\Monthly Advsory Bulletins\2014_06June\GROWTH PROB LEGEND_cropped.png | |  | |
| ***Total 2016/17 Pasture Growth***  ***(July – December 2016)*** | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-03 AussieGRASS\AussieGRASS Article\Rural Review Articles 2012\Dec2012\Ashampoo_Snap_2012.12.07_12h08m24s_004.png | | ***Current Estimated***  ***Total Standing Dry Matter*** | |

# Southern Alice Springs District

**Risks:**

* **As at the 1st December 2016, 99% of the district had a high fire risk.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | |
|  | <250kg/ha | >250 & <500kg/ha | >5000 & <1,000kg/ha | >1,000kg/ha |
| Pasture Growth  (kg/ha) | 100% | 0% | 0% | 0% |
| Total Standing Dry Matter  (kg/ha) | 1% | 6% | 30% | 63% |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Currently (as at 1st December 2016)** | | | | | |
|  | Below Average | | Average | | Above Average |
| Pasture Growth  (% of district) | 0% | | 3% | | 97% |
| Total Standing Dry Matter  (% of district) | 3% | | 57% | | 40% |
| Fire Risk  (% of district) | High  99% | | Moderate  1% | | Low  0% |
| Area Burnt  (% of district) | <1% (since 1st January 2016)  0% (2016/17 Total Area Burnt) | | | | |
|  | | | | | |
| ***2015/16 Median Pasture Growth (kg/ha)***  ***(Running Total)*** | | ***Chance of exceeding Median Pasture Growth***  ***(December 2016 – February 2017)*** | | | |
|  | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-09 NT Advisory Bulletin\Monthly Advsory Bulletins\2014_06June\GROWTH PROB LEGEND_cropped.png | |  | |
| ***Total 2016/17 Pasture Growth***  ***(July – December 2016)*** | | J:\pastoral\PROJECTS\05 CARRYING CAPACITY\05-03 AussieGRASS\AussieGRASS Article\Rural Review Articles 2012\Dec2012\Ashampoo_Snap_2012.12.07_12h08m24s_004.png | | ***Current Estimated***  ***Total Standing Dry Matter*** | |

**Pasture Information**

The pasture and fire risk information in this document is derived from AussieGRASS. AussieGRASS is a model that simulates pasture growth and standing biomass using climate data, vegetation mapping, fire history and regional estimates of grazing pressure. The model can be used to track simulated pasture growth and total standing pasture biomass at the landscape scale.

Note that the model does not use stocking rate data for individual properties. Where stock numbers are significantly higher or lower than typical for a district, model estimates of total standing dry matter may be erroneous.

**Disclaimer**

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