



SUMMARY OF UPDATES TO THE AUSTRALIAN MOUNTAIN BIKE TRAIL DIFFICULTY RATING SYSTEM (TDRS) – OCTOBER 2020

Very easy mountain bike trail / Fire trail


| |  | Technical Description (for land Manager use) | Trail Description (for public information) | Generic Description (for public information) | Short Classification Key |
|------------------------------------|---|---|---|---|--|
| | | Very easy | Very easy | Very easy | Very easy |
| | | Likely to be a fire road, rail trail or wide single track with a gentle gradient, smooth surface and free of obstacles | Likely to be a fire road, rail trail or wide single track with a gentle gradient, smooth surface and free of obstacles | Wide trail with a gentle gradient smooth surface and no obstacles | Wide trail, gentle gradient smooth surface, no obstacles |
| Guiding Criteria | Trail Width | 2100 mm plus or minus 900 mm | Two riders can ride side by side | Suitable for beginner cyclists with basic bike skills, and most bikes | For beginner cyclists with |
| | Trail Surface | Hardened or smooth | Hardened with no challenging features on the trail | | |
| | Trail Gradient | Climbs and descents are mostly shallow Ave. trail grade – less than 5% 7% or less Max. trail grade – 10% 15% | Climbs and descents are mostly shallow | | |
| | Quality of Markings | Trailhead signs and route markers at intersections | Clearly signposted | | |
| Mandatory Risk Assessable Criteria | Level of Trail Exposure | Firm and level fall zone on either side of the trail corridor. Exposure to either side of the trail corridor includes downward slopes of up to 30% | Firm and level fall zone on either side of the trail corridor. Minimal exposure on either side of the trail corridor | | |
| | Natural Obstacles and Technical Trail Features (TTFs) | No obstacles Unavoidable bridges 2100mm or wider | No obstacles | | |
| | Experience Required | Suitable for beginner / novice cyclists with basic bike riding skills Suitable for most bikes | Suitable for beginner / novice cyclists with basic bike riding skills Suitable for most bikes | | |

Easy mountain bike trail

| |  | Technical Description (for land Manager use) | Trail Description (for public information) | Generic Description (for public information) | Short Classification Key |
|------------------------------------|---|--|--|--|---|
| | Grade of trail | Easy | Easy | Easy | Easy |
| | Description | Likely to be a combination of fire road or wide single track with a gentle gradient, smooth surface and relatively free of obstacles Short sections may exceed these criteria | Likely to be a combination of fire road or wide single track with a gentle gradient, smooth surface and relatively free of obstacles Short sections may exceed these criteria | Wide trail with a gentle gradient smooth surface Some obstacles such as roots, logs and rocks Suitable for beginner cyclists with basic mountain bike skills, and off-road bikes | Wide trail, gentle gradient, some obstacles For beginner mountain bikers with basic mountain bike skills |
| Guiding Criteria | Trail Width | 900 mm plus or minus 300 mm | Handlebar width or greater | | |
| | Trail Surface | Mostly firm and stable | Mostly firm and stable | | |
| | Trail Gradient | Climbs and descents are mostly shallow, but trail may include some moderately steep sections Ave. trail grade – 7% or less Max. trail grade – 15% | Climbs and descents are mostly shallow, but trail may include some moderately steep sections | | |
| | Quality of Markings | Trailhead signs and route markers at intersections | Clearly signposted | | |
| Mandatory Risk Assessable Criteria | Level of Trail Exposure | Exposure to either side of the trail corridor includes downward slopes of up to 10% 30% | N/A Minimal exposure on either side of the trail corridor | | |
| | Natural Obstacles and Technical Trail Features (TTFs) | Unavoidable obstacles to 50mm 100mm high, such as logs, roots and rocks Avoidable, rollable obstacles or jumps may be present Unavoidable bridges 900mm wide or wider Short sections may exceed these criteria | Trail may have obstacles such as logs, roots, rocks and jumps | | |
| | Experience Required | Suitable for beginner / novice mountain bikers with basic mountain bike skills Suitable for off-road bikes | Suitable mountain bikers with basic mountain bike skills Suitable for most bikes | | |

Easy / Intermediate mountain bike trail





| |  | Technical Description (for land Manager use) | Trail Description (for public information) | Generic Description (for public Information) | Short Classification Key |
|---|---|--|---|---|--|
| | Grade of trail | Easy with Intermediate Sections | Easy with Intermediate Sections | Easy with Intermediate Sections | Easy with Intermediate Sections |
| | Description | Likely to be single track with a moderate gradient, variable surface and some obstacles Short sections may exceed these criteria | Likely to be single track with a moderate gradient, variable surface and some obstacles Short sections may exceed these criteria | Likely to be single track with a moderate gradient, variable surface and some obstacles Some obstacles such as roots, logs and rocks Suitable for mountain bikers with mountain bikes | Single track, moderate gradient and some obstacles For beginner mountain bikers with basic mountain bike skills |
| Guiding Criteria | Trail Width | 750 mm plus or minus 200 mm | Handlebar width | | |
| | Trail Surface | Mostly firm and stable | Mostly firm and stable | | |
| | Trail Gradient | Climbs and descents are mostly shallow, but trail may include some moderately steep sections Ave. trail grade – 7% or less Max. trail grade – 20% | Climbs and descents are mostly shallow, but trail may include some moderately steep sections | | |
| | Quality of Markings | Trailhead signs and route markers at intersections | Clearly signposted | | |
| Mandatory Risk Assessable Criteria | Level of Trail Exposure | Exposure to either side of the trail corridor includes downward slopes of up to 20% 30% | N/A Minimal exposure on either side of the trail corridor | | |
| | Natural Obstacles and Technical Trail Features (TTFs) | Unavoidable obstacles to 100mm 200mm high, such as logs, roots and rocks Avoidable, rollable obstacles and jumps may be present Unavoidable bridges 900mm wide or wider Short sections may exceed these criteria | Trail may have obstacles such as logs, roots, rocks and jumps | | |
| | Experience Required | Suitable for beginner / novice mountain bikers with basic mountain bike skills Suitable for off-road bikes | Suitable mountain bikers with basic mountain bike skills Suitable for most bikes | | |


Intermediate mountain bike trail

| | Technical Description (for land Manager use) | Trail Description (for public information) | Generic Description (for public Information) | Short Classification Key |
|------------------------------------|---|--|--|--|
| | Intermediate | Intermediate | Intermediate | Intermediate |
| | Single trail with moderate gradients, variable surface and obstacles Dual use or preferred use | Single trail with moderate gradients, variable surface and obstacles | Single trail with moderate gradients, variable surface and obstacles May include steep sections Suitable for skilled mountain bikers with mountain bikes | Single trail, moderate gradients, obstacles and some steep sections For skilled mountain bikers |
| Guiding Criteria | Trail Width | 600 mm plus or minus 300 mm | Handlebar width or greater | |
| | Trail Surface | Possible sections of rocky or loose tread | Possible sections of rocky or loose tread | |
| | Trail Gradient | Mostly moderate gradients but may include steep sections Ave. trail grade – 10% or less Max. trail grade – 20% Short sections may exceed these criteria | Mostly moderate gradients but may include steep sections | |
| | Quality of Markings | Trailhead signs and route markers at intersections | Signposted | |
| Mandatory Risk Assessable Criteria | Level of Trail Exposure | Exposure to either side of the trail corridor includes downward slopes of up to 20% 50% | N/A Sections of trail will include moderate exposure on either side of the trail corridor | |
| | Natural Obstacles and Technical Trail Features (TTFs) | Unavoidable obstacles to 200mm-350 mm high, such as logs, roots and rocks Avoidable, obstacles to 600 mm may be present, width of deck is greater than half the height of the obstacle Tabletop jumps to 1500mm high, rollable double jumps and avoidable gap jumps Unavoidable bridges 600mm wide or wider Short sections may exceed these criteria | Trail will have obstacles such as logs, roots, rocks and jumps | |
| | Experience Required | Suitable for skilled mountain bikers with basic mountain bike skills Suitable for mountain bikes | Suitable for skilled mountain bikers with basic mountain bike skills Suitable for mountain bikes | |


Intermediate / Difficult mountain bike trail

|  |  | Technical Description (for land Manager use) | Trail Description (for public information) | Generic Description (for public Information) | Short Classification Key |
|---|---|--|---|---|--|
| | Grade of trail | Intermediate with Difficult Sections | Intermediate with Difficult Sections | Intermediate with Difficult Sections | Intermediate with Difficult Sections |
| | Description | Likely to be a challenging single trail with moderate gradients, variable surface and obstacles Dual use or preferred use | Likely to be a challenging single trail with moderate gradients, variable surface and obstacles | Suitable for competent mountain bikers, used to physically demanding routes | For competent mountain bikers Large, unavoidable obstacles and features |
| Guiding Criteria | Trail Width | 600 mm plus or minus 300 mm | Handlebar width or greater | Expect large and unavoidable obstacles and features Challenging and variable with some steep climbs or descents and loose surfaces | Some steep climbs or descents and loose surfaces |
| | Trail Surface | Possible sections of rocky or loose tread | Possible sections of rocky or loose tread | | |
| | Trail Gradient | Mostly moderate gradients but may include steep sections Ave. trail grade – 15% 20% or less Max. trail grade – 20% 30% Short sections may exceed these criteria | Mostly moderate gradients but may include steep sections | | |
| | Quality of Markings | Trailhead signs and route markers at intersections | Signposted | | |
| Mandatory Risk Assessable Criteria | Level of Trail Exposure | Exposure to either side of the trail corridor includes downward slopes of up to 25% 50% | Exposure to either side of the trail corridor includes downward slopes of up to 25% Sections of trail will include moderate exposure on either side of the trail corridor | | |
| | Natural Obstacles and Technical Trail Features (TTFs) | Unavoidable obstacles to 300mm 400 mm high, such as logs, roots and rocks Avoidable, obstacles to 1000 mm may be present, width of deck is greater than half the height of the obstacle Tabletop jumps to 2000mm high, rollable double jumps and avoidable gap jumps Unavoidable bridges 600mm wide or wider Short sections may exceed these criteria | Trail will have obstacles such as logs, roots, rocks and jumps | | |
| | Experience Required | Suitable for competent mountain bikers with good mountain bike skills Suitable for mountain bikes | Suitable for competent mountain bikers with good mountain bike skills Suitable for mountain bikes | | |

Difficult mountain bike trail

|  | Technical Description (for land Manager use) | Trail Description (for public information) | Generic Description (for public Info) | Short Classification Key |
|---|--|--|--|--|
| Grade of trail | Difficult | Difficult | Difficult | Difficult |
| Description | Likely to be a challenging single trail with steep gradients, variable surface and many obstacles Single use and direction Optional lines Suitable for cross country, downhill or trials | Likely to be a challenging single trail with steep gradients, variable surface and many obstacles | Suitable for experienced mountain bikers, used to physically demanding routes | For experienced mountain bikers Challenging trail |
| Guiding Criteria | Trail Width | 300 mm plus or minus 150 mm for tread and bridges | Can be less than handlebar width | Large, unavoidable obstacles and features Long, steep climbs or descents and loose surfaces |
| | Trail Surface | Variable and challenging | Variable and challenging | |
| | Trail Gradient | Contains steep descents and climbs Ave. trail grade – 20% or less Max. trail grade – 25% 30% Short sections may exceed these criteria | Contains steep descents and climbs | |
| | Quality of Markings | Trailhead signs and route markers may be limited | Limited signs | |
| Mandatory Risk Assessable Criteria | Level of Trail Exposure | Exposure to either side of the trail corridor includes steep downward slopes or freefall | Exposure to either side of the trail corridor includes steep downward slopes or freefall | Challenging and variable with long steep climbs or descents and loose surfaces Some sections will be easier to walk |
| | Natural Obstacles and Technical Trail Features (TTFs) | Unavoidable obstacles 380mm to 500 mm high, such as logs, roots, drop off's or constructed obstacles Avoidable, obstacles to 1200 mm may be present, width of deck is greater than half the height of the obstacle Tabletop jumps to 2500mm high, rollable double jumps and avoidable gap jumps Unavoidable bridges 600mm wide or wider Short sections may exceed these criteria | Unavoidable obstacles such as logs, roots, drop off's, jumps or constructed obstacles | |
| Experience Required | Suitable for experienced mountain bikers with good skills, used to physically demanding routes Navigation and personal survival skills are highly desirable Suitable for better quality mountain bikes | Suitable for experienced mountain bikers with good skills, used to physically demanding routes Navigation and personal survival skills are highly desirable Suitable for better quality mountain bikes | | |

Extreme mountain bike trail

|  | Technical Description (for land Manager use) | Trail Description (for public information) | Generic Description (for public Information) | Short Classification Key | |
|---|---|--|---|---|-------------------------------|
| Grade of trail | Extreme | Extreme | Extreme | Extreme | |
| Description | Extremely difficult trails incorporating very steep gradients, highly variable surface and unavoidable, severe obstacles Single use and direction Optional lines Cross country, downhill or trials | Likely to be a challenging single trail with steep gradients, variable surface and many obstacles | Suitable for highly experienced mountain bikers, used to physically demanding routes | For highly experienced mountain bikers | |
| Guiding Criteria | Trail Width | 150 mm plus or minus 100 mm for tread and bridges Structures can vary | Navigation and personal survival skills are highly desirable | All sections extremely challenging | |
| | Trail Surface | Widely variable and challenging | Severe | Large, unavoidable jumps, | |
| | Trail Gradient | Expect prolonged steep, loose and rocky descents or climbs Average trail grade – 20% Max. trail grade – 40% Short sections may exceed these criteria | Expect prolonged steep, loose and rocky descents or climbs | constructed trails and/ or natural features, all sections are challenging | obstacles and severe features |
| | Quality of Markings | Trailhead signs and route markers may be limited | Limited signs | Includes extreme levels of exposure and / or risk | |
| Mandatory Risk Assessable Criteria | Level of Trail Exposure | Exposure to either side of the trail corridor includes steep downward slopes or freefall | Expect large and unavoidable | | |
| | Natural Obstacles and Technical Trail Features (TTFs) | Large committing and unavoidable obstacles to 380mm Unavoidable obstacles over 1000mm Avoidable obstacles to 1200mm may be present Avoidable, obstacles may be present Unavoidable gap jumps and doubles Unavoidable bridges 600mm or narrower Width of bridges is unpredictable Short sections may exceed these criteria | Unavoidable obstacles such as gap jumps, logs, roots, drop off's or constructed obstacles | jumps, obstacles and features Some sections will be easier to walk. | |
| Experience Required | Suitable for highly experienced mountain bikers with excellent skills, used to physically demanding routes Navigation and personal survival skills are highly desirable Suitable for quality mountain bikes | Suitable for highly experienced mountain bikers with excellent skills, used to physically demanding routes Navigation and personal survival skills are highly desirable Suitable for quality mountain bikes | | | |