

ATFM Daily Plan Summary Notes

| | | |
|--|---|----------------------------|
| <p>Teleconference Details</p> <p>1800 062 923 Participant Code 7207 9651 Guest Code 3064#</p> <p>NCC: 1800 020 626 atfmu@airservicesaustralia.com</p> | <p>CAP THREAT: 162215-170014 & 170715-170930</p> | <p>PRM: NOT REQ</p> |
| | <p>YMEN SLOT SCHEME: YES: 162000-170000</p> | |

[illegible]

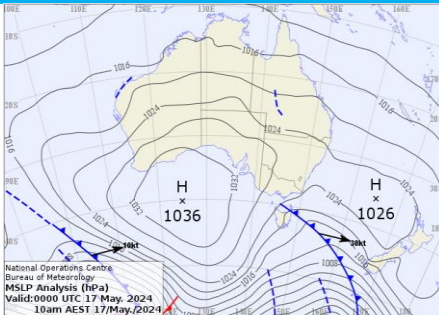
Network Weather Overview

From now to +72 hours

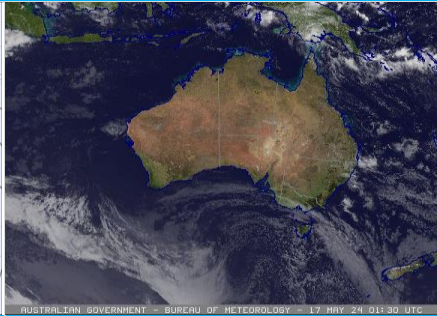
Friday 17 May 2024

Weather Overview

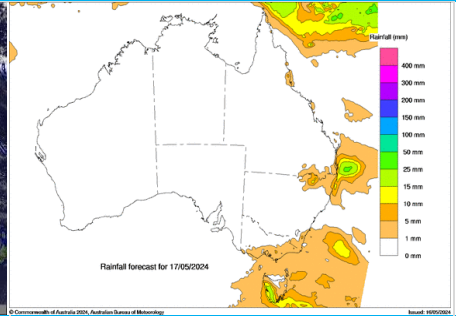
Mean Sea Level Pressure



Satellite Picture



Rainfall Outlook for today



Weather impact risk assessment Major Airports

| | Brisbane | Melbourne | Perth | Sydney |
|-------------|--|---|--|---|
| PM Friday | Cloud 2500-4500ft. Showers, possibly heavy, easing evening. Light to moderate SE winds. | Cloud 2000-2500ft. Passing showers. Moderate S to SW winds, fresh at times in the afternoon. | CAVOK. Light to moderate ENE to ESE winds. | Likely CAVOK with showers developing in far S of TMA late evening. Light NE to NW winds before a late evening WSW wind change. Wind direction uncertain through the afternoon. |
| AM Saturday | Showers and the chance of a thunderstorm offshore. Fog inland. Cloud 2000-3000ft. Light SW to S winds. | Cloud 2500-4000ft. Lower cloud 1000-2000ft and drizzle N TMA. Light to moderate S to SE winds. | CAVOK. Moderate to fresh and gusty E to NE winds. NE winds 30-40 knots aloft. Possible turbulence or wind shear. | Showers. Chance of a thunderstorm offshore. Cloud 2000-3000ft. Fresh and gusty S to SW winds. S'ly winds aloft 35-40 knots. Strong headwinds. |
| PM Saturday | Showers and the chance of a thunderstorm offshore and southern TMA in the evening. Cloud 3000-5000ft. Light to moderate S to SE winds. | Cloud 4000-5000ft. Light to moderate S to SE winds, turning light W to SW evening. | CAVOK. Light to moderate E to NE winds. NE winds 15-25 knots aloft. | Showers. Cloud 3000-4000ft. Fresh and gusty S'ly winds, easing late evening. S'ly winds aloft 35-45 knots. Strong headwinds. |
| AM Sunday | Possible light showers and cloud above 2500ft offshore. Light to moderate S to SW winds. | Showers and drizzle expected in TMA. Cloud 2000-4000ft lower in showers. Light to moderate W to SW winds. 20-25 knots SW winds aloft. | CAVOK. Moderate E to NE winds, gusty at times during the morning. NE winds 25-35 knots aloft. Possible turbulence or wind shear. | Passing showers mostly near the coastline and offshore areas. Cloud above 2500ft lower in showers. Moderate and gusty S to SSE increasing. 25-35 knots S'ly winds aloft. Strong headwind on RWY 16 approach expected. |
| PM Sunday | CAVOK at the airport with possible light showers and cloud above 2500ft in far E TMA. Light to moderate S to SSW winds. | Showers and drizzle. Cloud 2000-3000ft lowering 1000-2000ft during the evening. Light to moderate SW winds aloft. | CAVOK. Light to moderate E to NE winds. | Showers and cloud above 2500ft easing/contracting offshore. Gusty S to SSW winds easing. 25-35 knots S'ly winds aloft. Strong wind on RWY 16 approach expected. |
| AM Monday | Likely CAVOK, chance of fog in far SW part of TMA. Light S to SSW winds. | Showers. Cloud 0800-2000ft lower in showers. Light to moderate W to SW winds. | CAVOK. Light to moderate NE winds. 20-30 knots NE winds aloft, risk of strong headwind on RWY 03 approach. | Passing showers and cloud 3000-5000ft developing. Light to moderate W to WNW winds becoming S to SW 20-30 knots SW winds aloft. Risk of morning wind shear and strong headwind. |

Significant other phenomena potentially affecting Australian FIRs

| | |
|---------------------------|--|
| Volcanic Ash (VA) ≥ FL200 | IBU (Indonesia). Volcanic ash reported to FL200 at 0010Z on 17 May 2024. Aviation colour code is RED. For the latest advisories refer to http://www.bom.gov.au/aviation/volcanic-ash/darwin-va-advisory.shtml |
| Space Weather | For the latest advisories refer to http://www.bom.gov.au/aviation/space-weather-advisories/ |
| Tropical Cyclones | Nil current. For the latest information refer to http://www.bom.gov.au/cyclone/ |

Weather risk assessment provided by NCC Meteorological Unit – Bureau of Meteorology
Contact NCCMET for further detail or advice

Phone: 02 6268 4448
Email: nccmet@bom.gov.au

Detailed advice from major Airport MET CDM products available at Airservices NOC Portal, <https://www.airservicesaustralia.com/noc/>

SYDNEY - YSSY GDP-A 2000-2240^

Friday 17 May 2024

ATFM-CDM Notes

METCDM Notes:

- [1] 2000-0059: A ridge of high pressure lies to the south. Light NW winds in the morning may advect fog from the north over the airport in the morning. It is most likely to clear in the 22Z hour but there is a chance it will lift to low cloud 200-500ft or mist before clearing completely during the 23Z hour. There is also a layer of high cloud over the airport which could delay the clearance time, hence x-factor in the 22Z hour.
- [2] 0100-1059: Dry conditions, CAVOK. Light NW winds tending NE during the afternoon. A trough lies in the area making the wind direction quite uncertain during the afternoon with winds possible turning through the SW to the SE instead. X-factor added for the chance that RWY 16 is favourable during the afternoon or evening or for the risk of multiple runway changes. Runway will remain dry though.
- [3] 1100-1259: Winds turning W to SW with the trough transition. There is the chance of showers and thunderstorms reaching the far southern part of the TMA, most likely offshore.

NCC DLM Notes:

- [1] GDP purge approved by SY TCU SM/ATMD at 2235UTC

SM Notes:

[Nil SMTM Notes]

GDP Notes

Risk of fog and low cloud through the morning.

Midday Update: CAVOK, NNW winds becoming SSW. Variable timing of wind changes likely to impact RWY change timing.

ATC ADVICE: 545 (278/267D) movements remaining. Nil GDP in place, with nil changes or restrictions expected. 07z HR close to capacity, with plenty of spare capacity in all other hours.

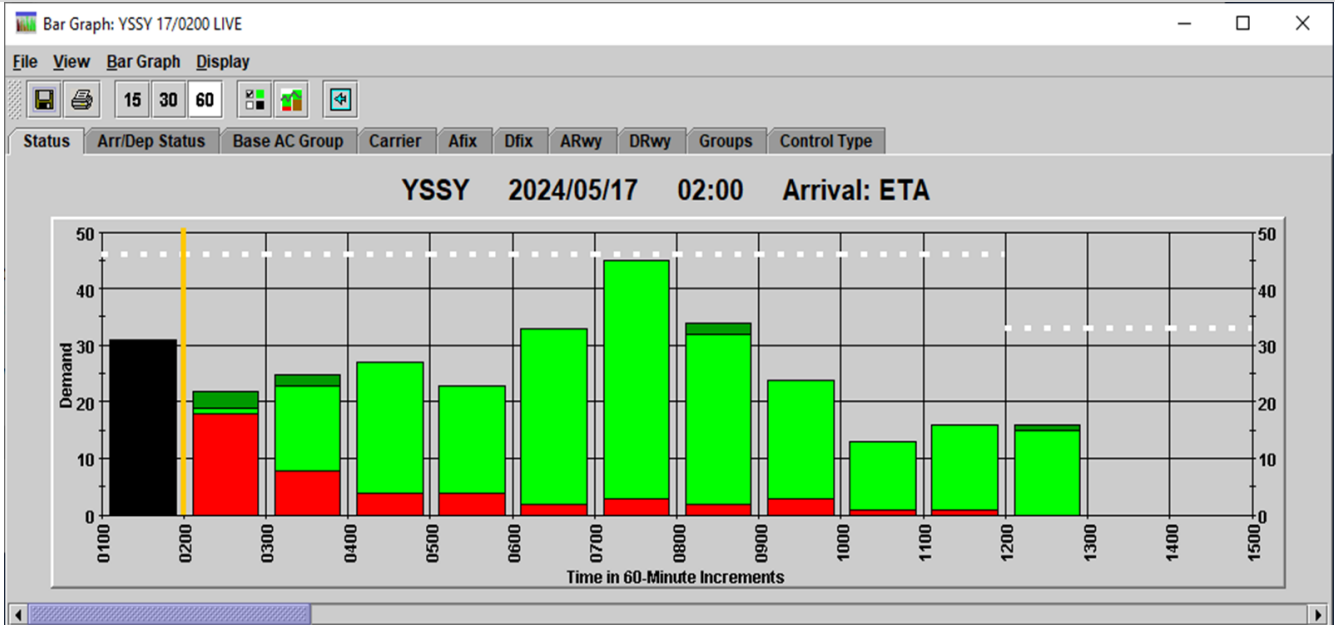
Tabulated Data

| Time (Hour UTC) | | | | | | | 170200 | 170300 | 170400 | 170500 | 170600 | 170700 | 170800 | 170900 | 171000 | 171100 | 171200 | |
|-----------------|--|--|--|--|--|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Runway Mode | | | | | | | 34 IVA | 34 IVA | 34 IVA | 34 IVA | 34 IVA | 34 IVA | 34 IVA | 34 IVA | 34 IVA | 34 IVA | 16 IVA | |
| Rate | | | | | | | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 33 | |

Segmentation and Notes

| METCDM Notes | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 0 |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Segmentation | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |

Bar Graph



MELBOURNE - YMML GDP-A 2000-2310^

Friday 17 May 2024

ATFM-CDM Notes

METCDM Notes:

- [1] 2200-0359: Reviewed: Ridge of high pressure to the south keeping winds light. Cloud 1600-3000ft with risk of cloud lowering to 1400ft thus, x-factor applied. Light W to NW winds becoming SW to WSW with aloft WSW.
- [2] 0400-0859: Reviewed: Wind tending S to SSW as the front moves through, with more significant shower activity expected as it does. Winds can be gusty in showers. Showers should move through reasonably quickly with 25-35kt steering. An x-factor proposed for this period to account for worse conditions in showers. Cloud 1600-3000ft possibly lowering to 1000ft in showers. Additional x-factor applied for risk of winds tending more S to SSE or varying between SSW and SSE, favouring operations on RWY 16 only given a wet runway and tail wind on RWY 27.
- [3] 0900-1359: S winds continuing in the wake of the front with some guidance clearing showers in the evening, whilst other guidance indicates TMA may see light showers continuing. Cloud 3500ft with 2500ft in N TMA.

NCC DLM Notes:

- [1] GDP purged at 2310 due improved weather conditions.

SM Notes:

[Nil SMTM Notes]

GDP Notes

Risk of morning fog and low cloud. Low cloud expected until early afternoon.

Midday Update: Passing SHRA developing, cloud 1500-2500ft. W winds becoming SW to SSE later.

ATC ADVICE: 432 (225A/207D) movements remaining. Nil GDP in place. Both 08 and 09z HRs close to capacity. Plenty of spare capacity all other hours.

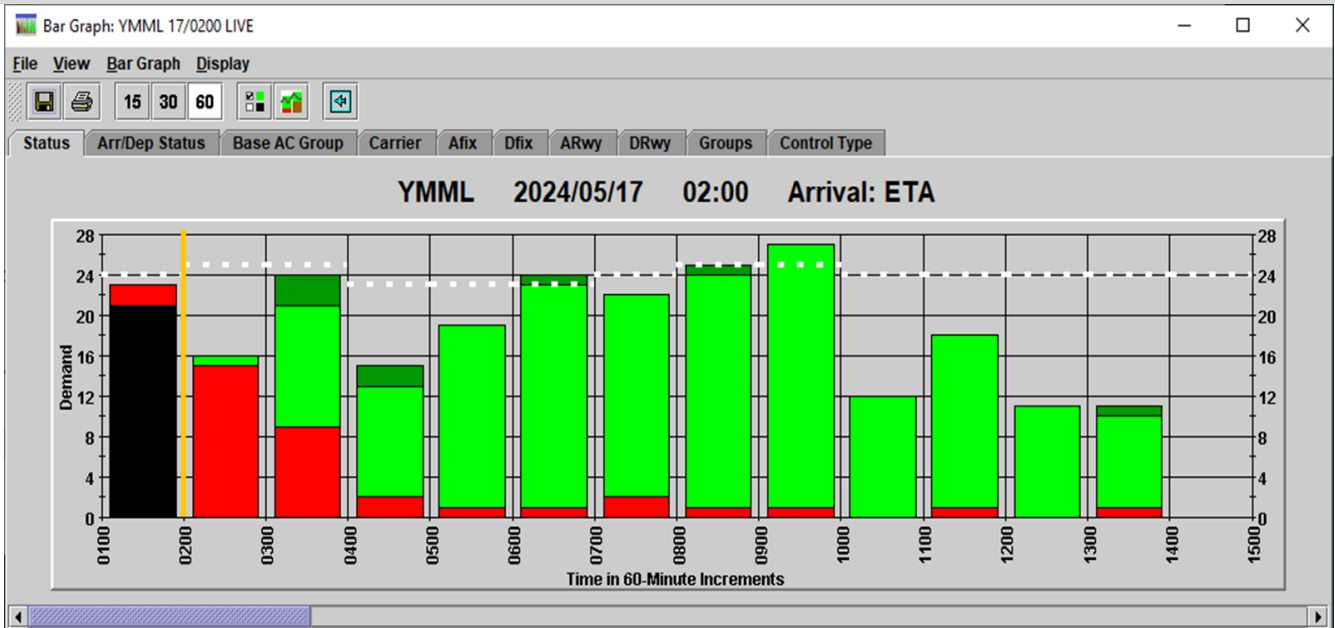
Tabulated Data

| Time (Hour UTC) | | | | | | 170200 | 170300 | 170400 | 170500 | 170600 | 170700 | 170800 | 170900 | 171000 | 171100 | 171200 | 171300 |
|-----------------|--|--|--|--|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Runway Mode | | | | | | 16/27 | 16/27 | 16/27 | 16/27 | 16/27 | 16/27 | 16/27 | 16/27 | 16/27 | 16/27 | 16/27 | 16/27 |
| Rate | | | | | | VMCB | VMCB | VMCB | VMCB | VMCB | VMCB | VMCB | VMCB | VMCB | VMCB | VMCB | VMCB |
| | | | | | | 25 | 25 | 23 | 23 | 24 | 25 | 25 | 24 | 24 | 24 | 24 | 24 |

Segmentation and Notes

| METCDM Notes | | | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
|--------------|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Segmentation | | | | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

Bar Graph



BRISBANE - Nil GDP

Friday 17 May 2024

ATFM-CDM Notes

METCDM Notes:

[1] 2000-2359: A ridge lies to the south with a weak upper trough over northern NSW. Showers offshore with cloud 1500-2000ft, cloud likely to be above 2500ft at the airport though. There may be some patchy lower cloud close to the airport if the showers are close to the coast overnight. Light S to SW winds tending S to SE during the morning. Slight risk of a storm offshore.

[2] 0000-1259: Showers developing over the coast and inland. Showers could be heavy on occasion through the afternoon. There is a slight chance of a thunderstorm in the southern TMA during the afternoon. Cloud 2500-3500ft, lowering to 2000ft in showers. Light to moderate SE winds tending S to SW in the evening and easing.

NCC DLM Notes:

[Nil DLM Notes]

SM Notes:

[1] 2000-1259: TCU Staffing (XFactor Reason: Staffing)

GDP Notes

Possible heavy showers through the afternoon. Risk of thunderstorm in the S TMA in the afternoon.

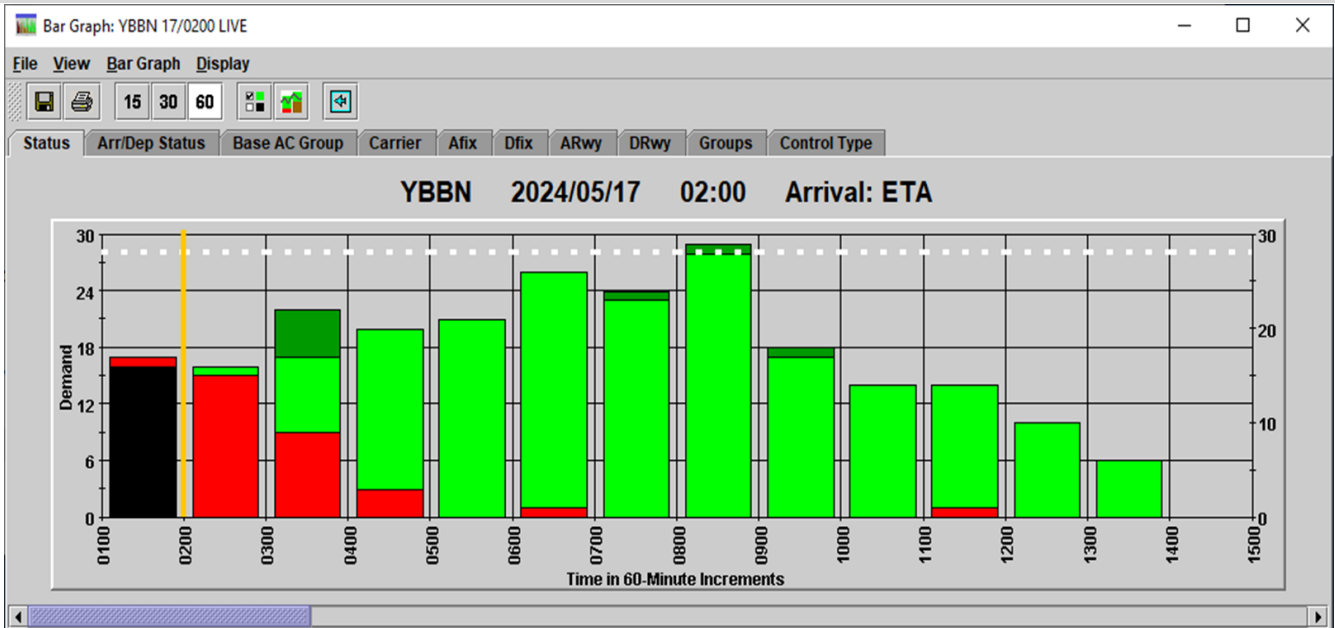
Midday Update: Cloud 2000-4000ft, lower in SHRA. Offshore SHRA expected to move inland, SSE winds.

ATC ADVICE: 376 (216A/160D) movements remaining. Nil GDP in place, with nil changes or restrictions expected. Max demand of 29 in the 08z HR, AAR of 34.

Tabulated Data

| Time (Hour UTC) | 162000 | 162100 | 162200 | 162300 | 170000 | 170100 | 170200 | 170300 | 170400 | 170500 | 170600 | 170700 | 170800 | 170900 | 171000 | 171100 | 171200 | |
|------------------------|--------|--------|--------|--------|--------|----------|----------|----------|----------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| Runway Mode | 19 VMC | 19 VMC | 19 VMC | 19 VMC | 19 VMC | 01* VMC* | 01* VMC* | 01* VMC* | 01* VMC* | 01 VMC | 01 VMC | 01 VMC | 01 VMC | 01 VMC | 01 VMC | 01 VMC | | |
| Rate | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | |
| Segmentation and Notes | | | | | | | | | | | | | | | | | | |
| METCDM Notes | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 |
| Segmentation | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |

Bar Graph



ATFM-CDM Notes

METCDM Notes:
[1] 2200-1359: A ridge to the south maintains moderate NE flow over the aerodrome on Friday. CAVOK. Wind direction bordering on threshold in morning and evening period but likely to favour RWY 03/06 given NE gradient.
[2] 2200-0159: 30-40kt winds below 2000ft expected in the morning period until surface heating erodes a nocturnal inversion. Strong winds aloft >35kts therefore, an x-factor is proposed. Wind shear possible if surface winds are light. Turbulence.
[3] 2300-0759: RWY 06/24 closed between 2330-0730Z. See NOTAM C351/24.

NCC DLM Notes:
[Nil DLM Notes]

SM Notes:
[1] 0500-1259: ML Centre one staff member down and requested -2 X-Factor from 0500 – 1300 UTC (XFactor Reason: Staffing)

GDP Notes

Nil significant operational risks identified.

Midday Update: CAVOK, ENE winds.
ATC ADVICE: 305 (178A/127D) movements remaining. Nil GDP in place, nil changes expected. 09z HR at capacity, with plenty of spare capacity in all other hours.

Tabulated Data

| Time (Hour UTC) | 162100 | 162200 | 162300 | 170000 | 170100 | 170200 | 170300 | 170400 | 170500 | 170600 | 170700 | 170800 | 170900 | 171000 | 171100 | 171200 | 171300 | |
|------------------------|--------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------|--------|--|
| Runway Mode | | 03/06 VMC | 03/06 VMC | 03/06 VMC | 03/06 VMC | 03/06 VMC | 03/06 VMC | 03/06 VMC | 03/06 VMC | 03/06 VMC | 03/06 VMC | 03/06 VMC | 03/06 VMC | 03/06 VMC | 03/06 VMC | | | |
| Rate-Arrs | | 22 | 22 | 22 | 23 | 24 | 24 | 24 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 24 | |
| Rate-Deps | 40 | 40 | 39 | 38 | | | | | | | | | | | | | | |
| Segmentation and Notes | | | | | | | | | | | | | | | | | | |
| METCDM Notes | | 1&2 | 1&2&3 | 1&2&3 | 1&2&3 | 1&3 | 1&3 | 1&3 | 1&3 | 1&3 | 1&3 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Segmentation | | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |

Bar Graph

