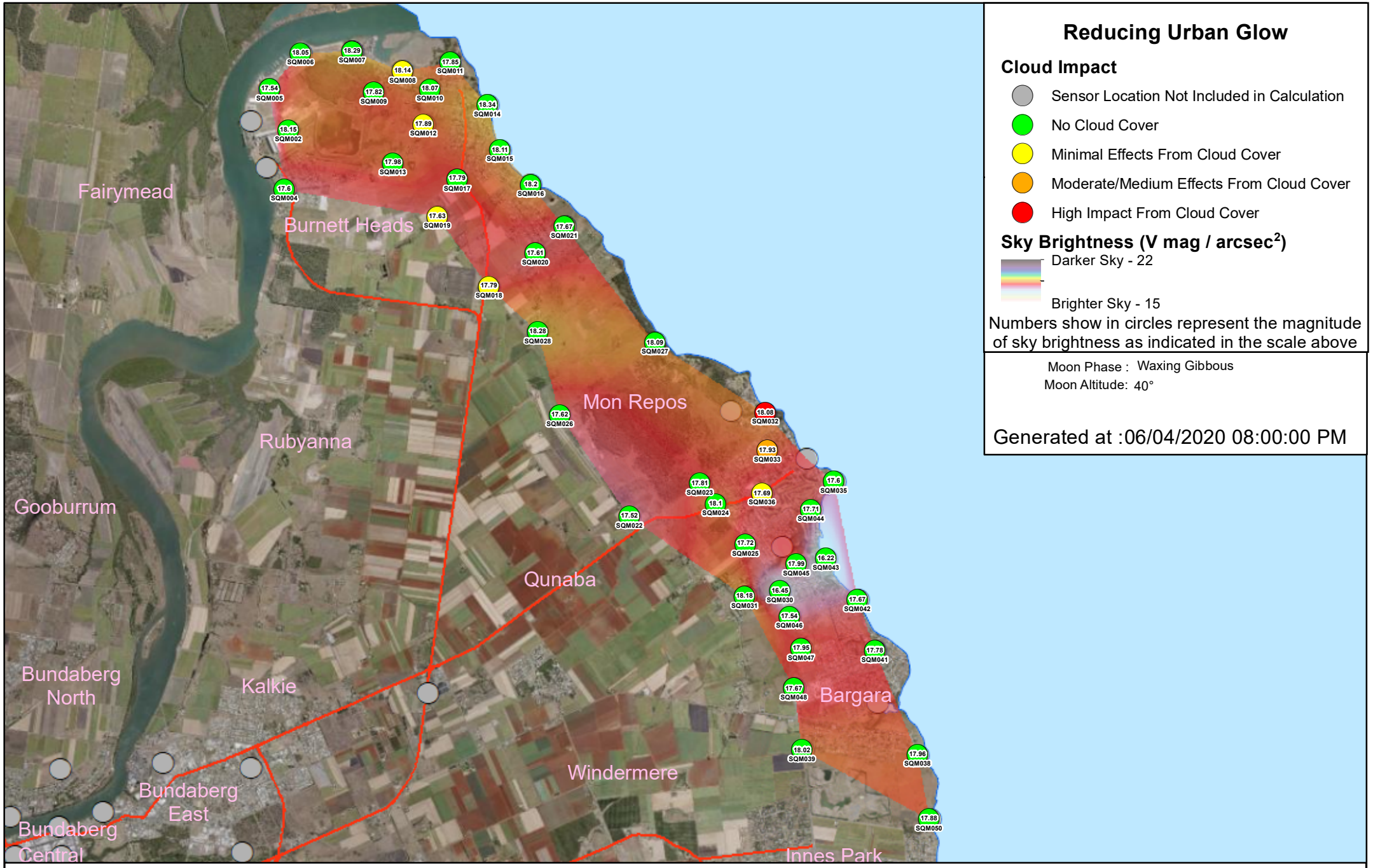



## Reducing Urban Glow

### Cloud Impact

- Sensor Location Not Included in Calculation
- No Cloud Cover
- Minimal Effects From Cloud Cover
- Moderate/Medium Effects From Cloud Cover
- High Impact From Cloud Cover

### Sky Brightness (V mag / arcsec$^2$)

Darker Sky - 22

Brighter Sky - 15

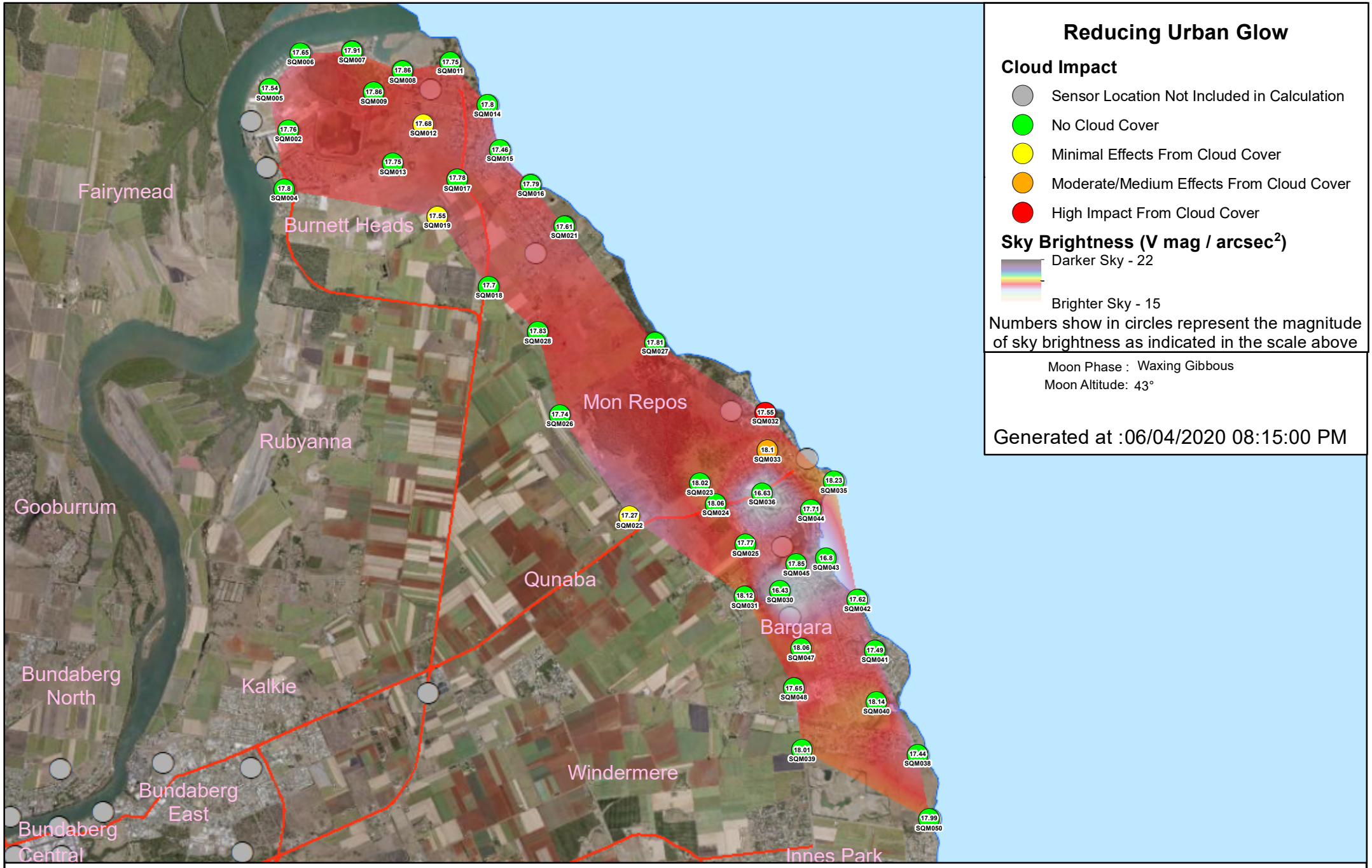
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above

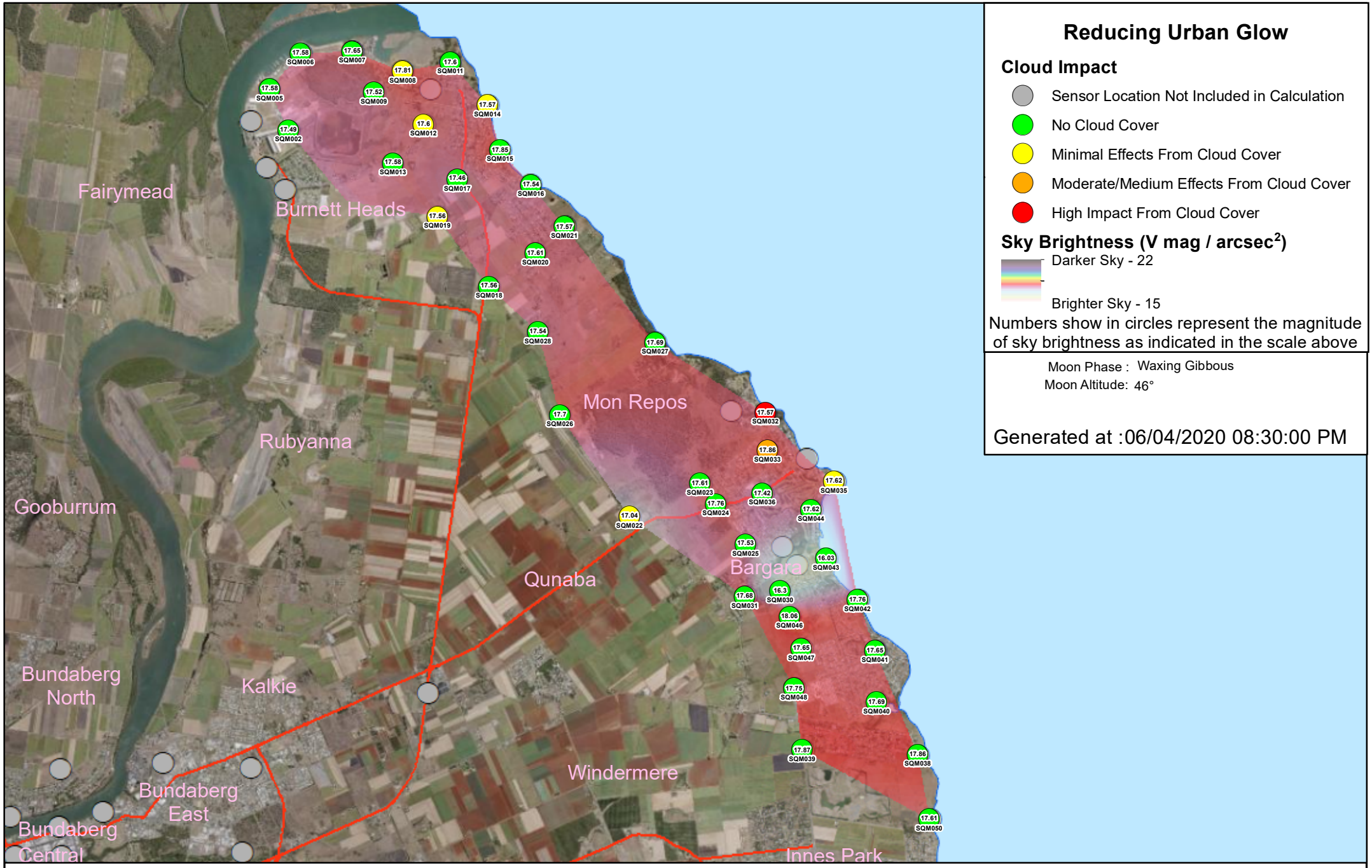
Moon Phase : Waxing Gibbous

Moon Altitude: 40°

Generated at :06/04/2020 08:00:00 PM

Australian Government BUILDING OUR FUTURE | Queensland Government | BUNDABERG REGIONAL COUNCIL | REDUCING URBAN GLOW | ERGON ENERGY NETWORK | Burnett Mary Regional Group | CQUniversity Australia | Greenfleet | Prince's Trust Australia | Bundaberg Southern Great Barrier Reef Queensland Where great begins | STA sea turtle alliance inc.


Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 43°
Generated at :06/04/2020 08:15:00 PM
Fairymead
Burnett Heads
Mon Repos
Rubyanna
Gooburrum
Qunaba
Bargara
Bundaberg North
Kalkie
Bundaberg East
Bundaberg Central
Windermere
Innes Park
17.65 SQM006
17.91 SQM007
17.86 SQM008
17.75 SQM011
17.54 SQM005
17.86 SQM009
17.8 SQM014
17.76 SQM002
17.68 SQM012
17.46 SQM015
17.75 SQM013
17.78 SQM017
17.79 SQM016
17.8 SQM004
17.55 SQM019
17.61 SQM021
17.7 SQM018
17.83 SQM028
17.81 SQM027
17.74 SQM026
17.55 SQM032
18.1 SQM033
18.02 SQM023
18.23 SQM035
16.63 SQM036
18.06 SQM024
17.71 SQM044
17.27 SQM022
17.77 SQM025
17.85 SQM045
16.8 SQM043
18.12 SQM031
16.43 SQM030
17.62 SQM042
18.06 SQM047
17.49 SQM041
17.65 SQM048
18.14 SQM040
18.01 SQM039
17.44 SQM038
17.99 SQM050




## Reducing Urban Glow

### Cloud Impact

- Sensor Location Not Included in Calculation
- No Cloud Cover
- Minimal Effects From Cloud Cover
- Moderate/Medium Effects From Cloud Cover
- High Impact From Cloud Cover

### Sky Brightness (V mag / arcsec$^2$)

Darker Sky - 22

Brighter Sky - 15

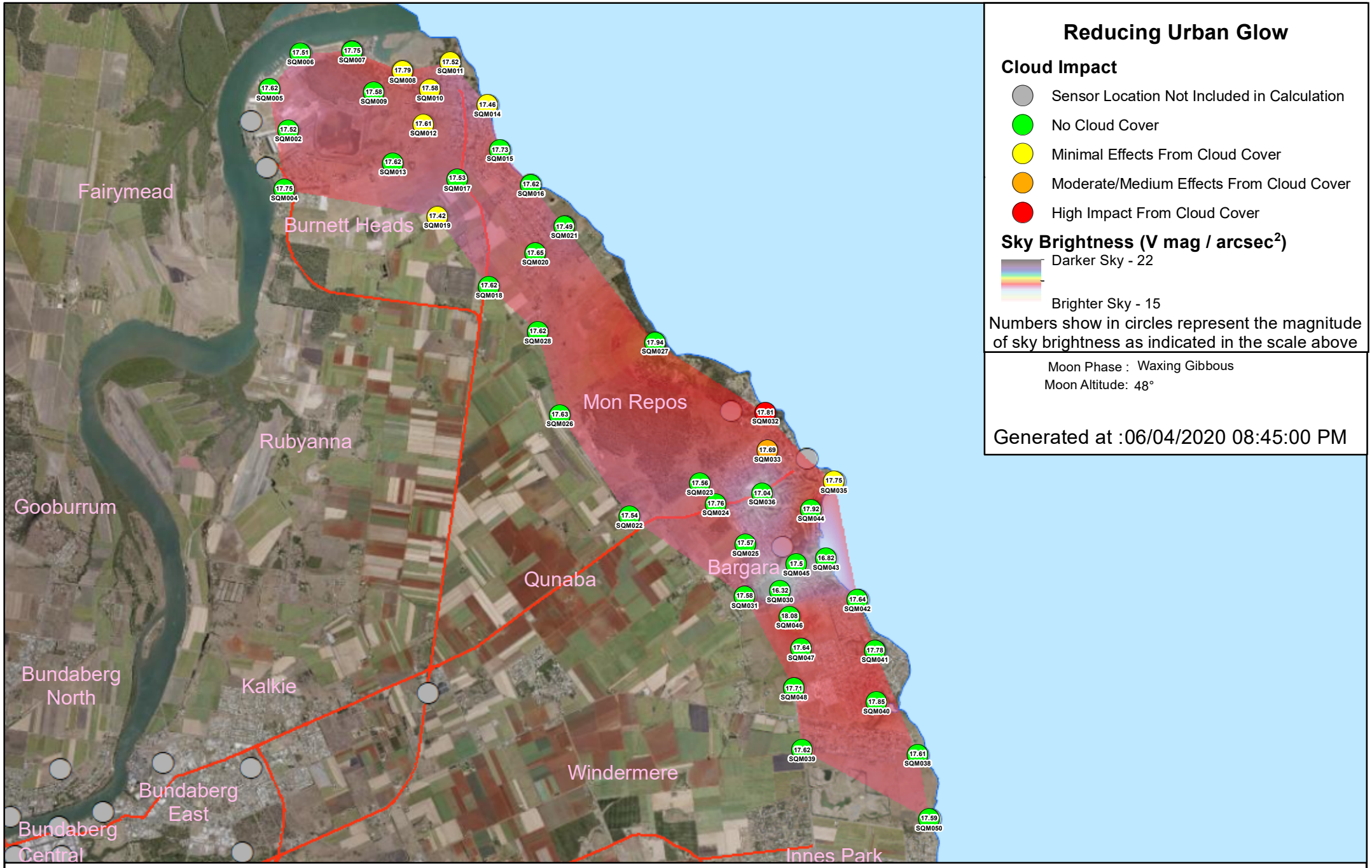
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above

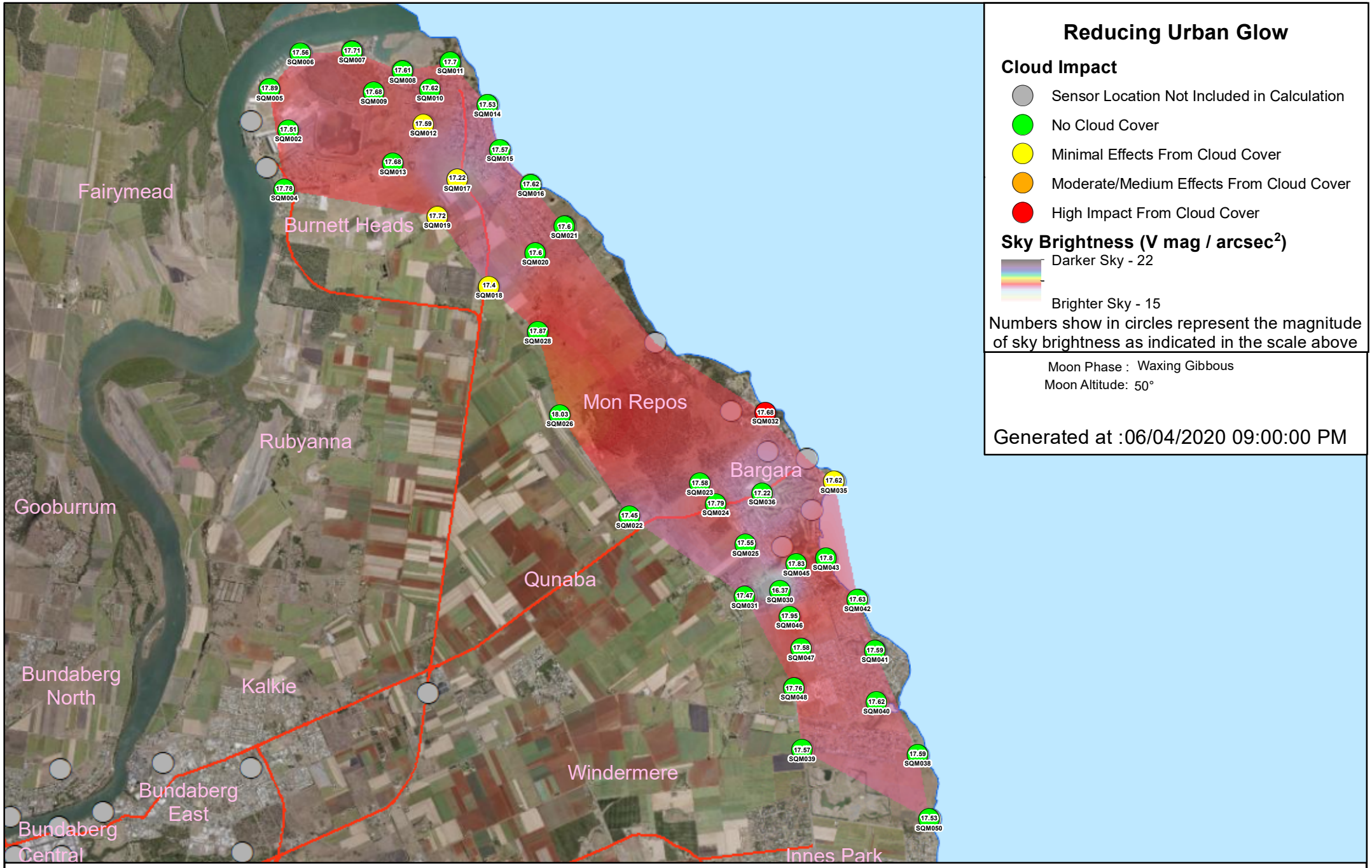
Moon Phase : Waxing Gibbous

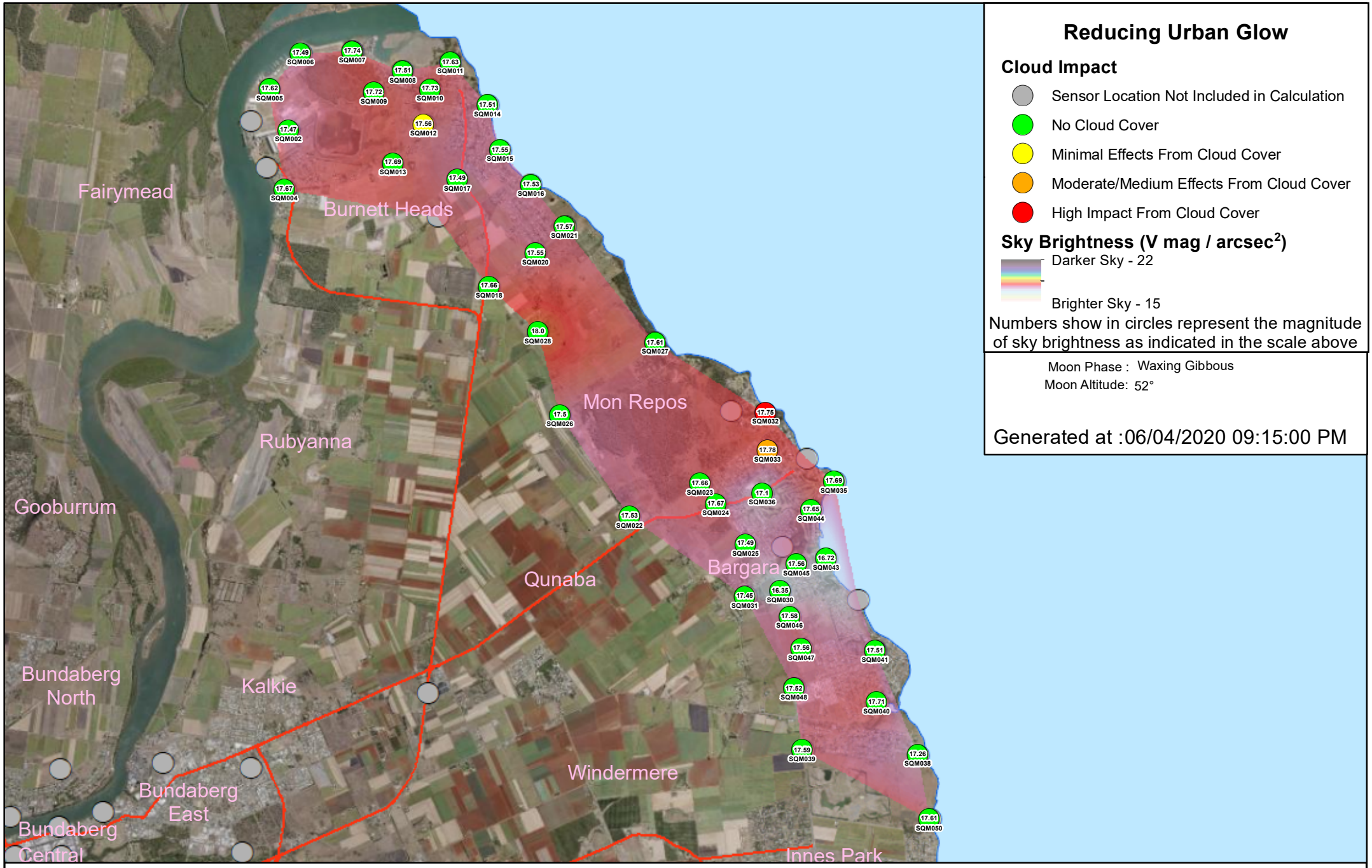
Moon Altitude: 46°

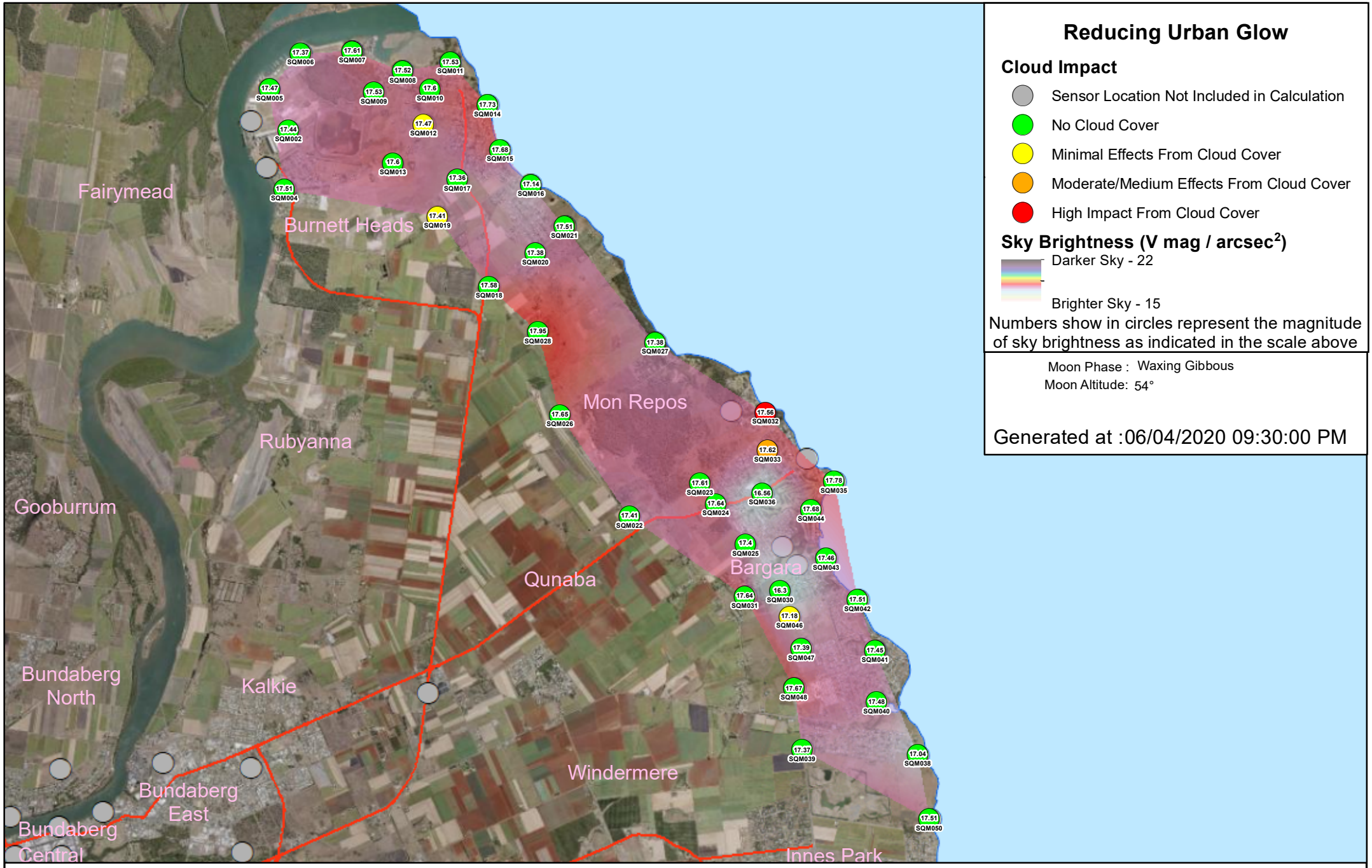
Generated at :06/04/2020 08:30:00 PM

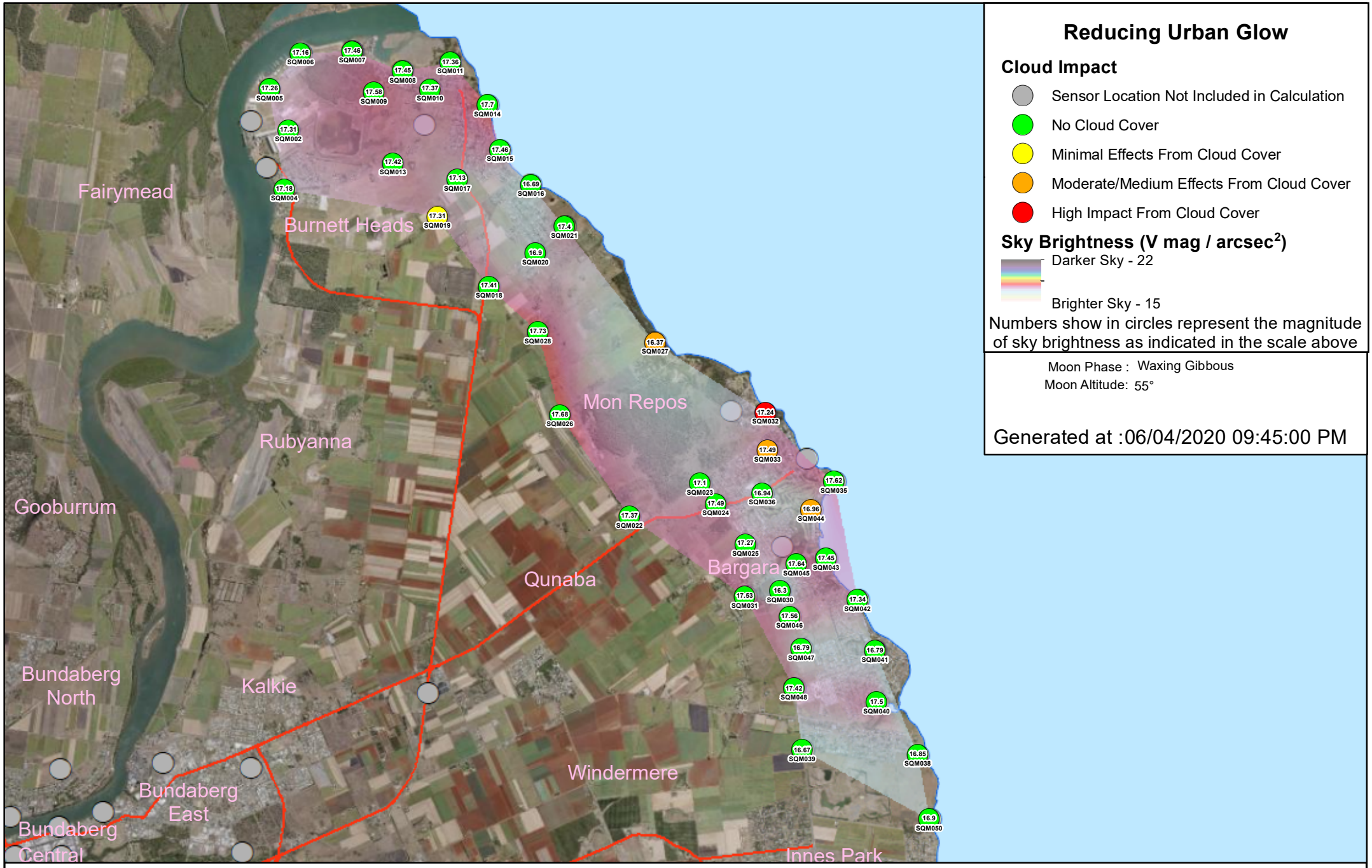
Australian Government BUILDING OUR FUTURE | Queensland Government | BUNDABERG REGIONAL COUNCIL | REDUCING URBAN GLOW | ERGON ENERGY NETWORK | Burnett Mary Regional Group | CQUniversity Australia | Greenfleet | Prince's Trust Australia | Bundaberg Southern Great Barrier Reef Queensland Where great begins | STA sea turtle alliance inc.

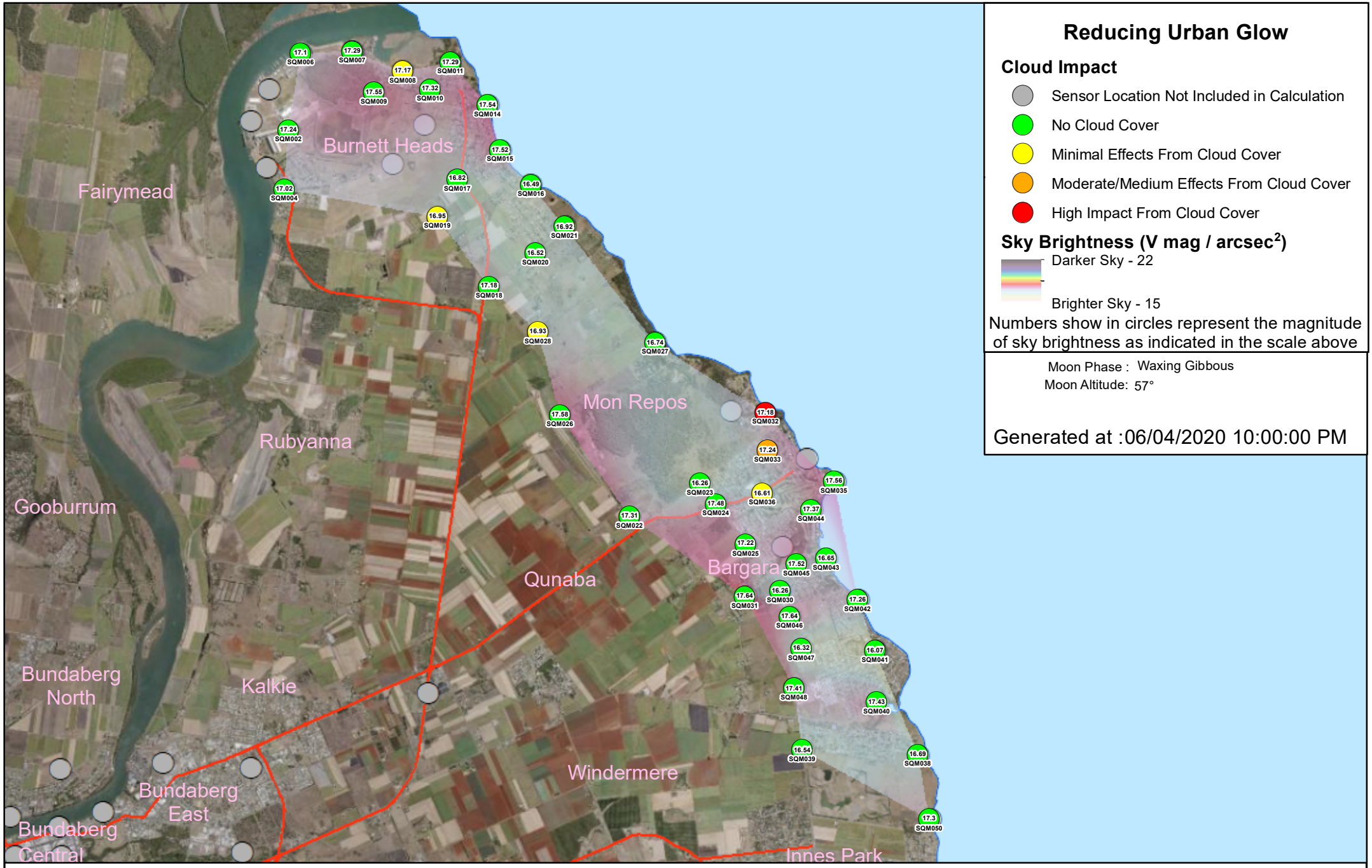

Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 48°
Generated at :06/04/2020 08:45:00 PM
Fairymead
Burnett Heads
Mon Repos
Rubyanna
Gooburrum
Qunaba
Bargara
Bundaberg North
Kalkie
Bundaberg East
Bundaberg Central
Windermere
Innes Park
17.51 SQM006
17.75 SQM007
17.79 SQM008
17.52 SQM011
17.62 SQM005
17.58 SQM009
17.58 SQM010
17.46 SQM014
17.52 SQM002
17.61 SQM012
17.73 SQM015
17.62 SQM013
17.53 SQM017
17.62 SQM016
17.75 SQM004
17.42 SQM019
17.49 SQM021
17.65 SQM020
17.62 SQM018
17.62 SQM028
17.94 SQM027
17.63 SQM026
17.81 SQM032
17.69 SQM033
17.56 SQM023
17.75 SQM035
17.04 SQM036
17.76 SQM024
17.92 SQM044
17.54 SQM022
17.57 SQM025
16.82 SQM043
17.5 SQM045
16.32 SQM030
17.58 SQM031
17.64 SQM042
18.08 SQM046
17.64 SQM047
17.78 SQM041
17.71 SQM048
17.85 SQM040
17.62 SQM039
17.61 SQM038
17.59 SQM050

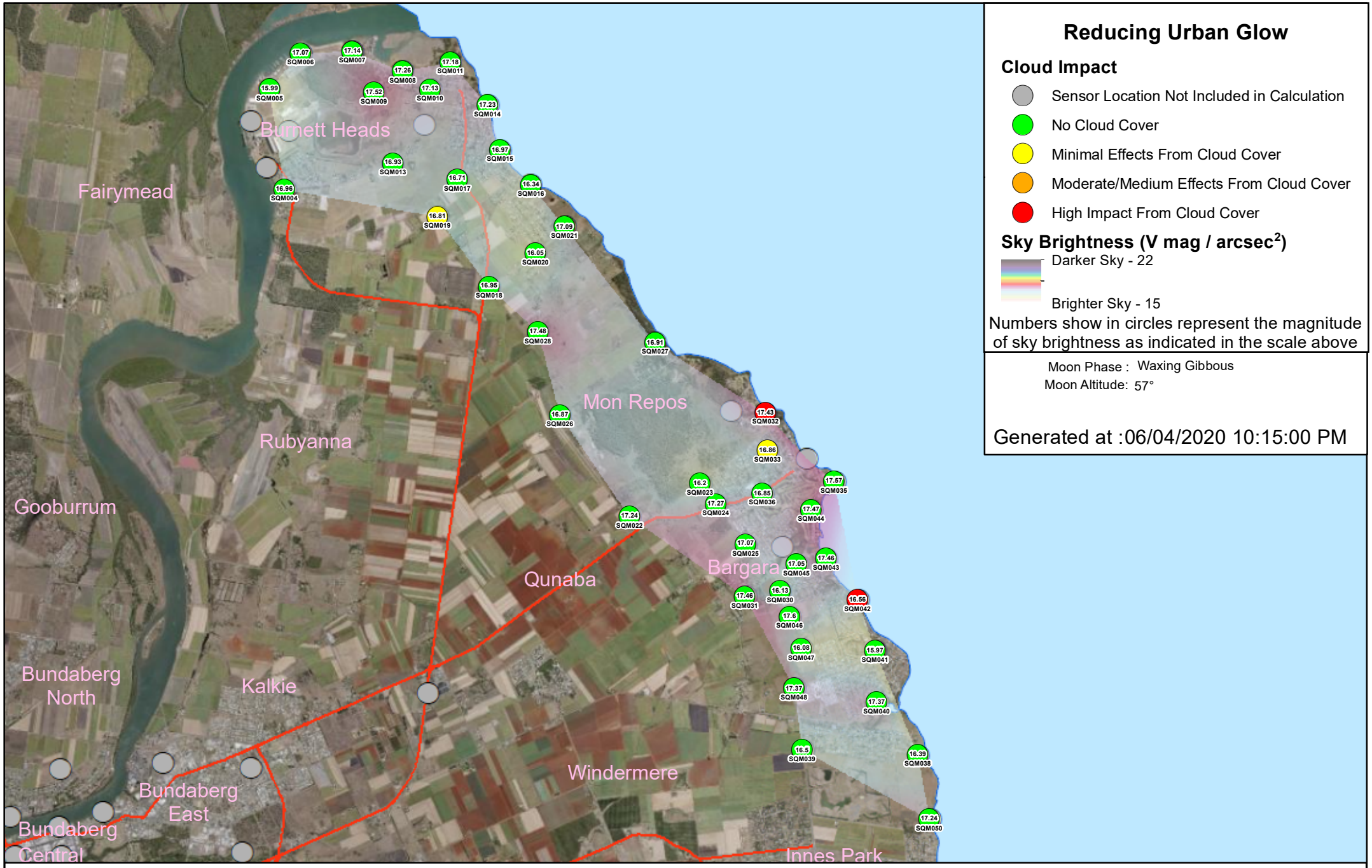

Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 50°
Generated at :06/04/2020 09:00:00 PM
Fairymead
Burnett Heads
Mon Repos
Rubyanna
Bargara
Gooburrum
Qunaba
Bundaberg North
Kalkie
Bundaberg East
Bundaberg Central
Windermere
Innes Park
17.56 SQM006
17.71 SQM007
17.61 SQM008
17.7 SQM011
17.89 SQM005
17.68 SQM009
17.62 SQM010
17.53 SQM014
17.51 SQM002
17.59 SQM012
17.57 SQM015
17.68 SQM013
17.22 SQM017
17.62 SQM016
17.78 SQM004
17.72 SQM019
17.6 SQM021
17.6 SQM020
17.4 SQM018
17.87 SQM028
18.03 SQM026
17.68 SQM032
17.58 SQM023
17.22 SQM036
17.62 SQM035
17.79 SQM024
17.45 SQM022
17.55 SQM025
17.83 SQM045
17.8 SQM043
17.47 SQM031
16.37 SQM030
17.63 SQM042
17.95 SQM046
17.58 SQM047
17.59 SQM041
17.76 SQM048
17.62 SQM040
17.57 SQM039
17.59 SQM038
17.53 SQM050

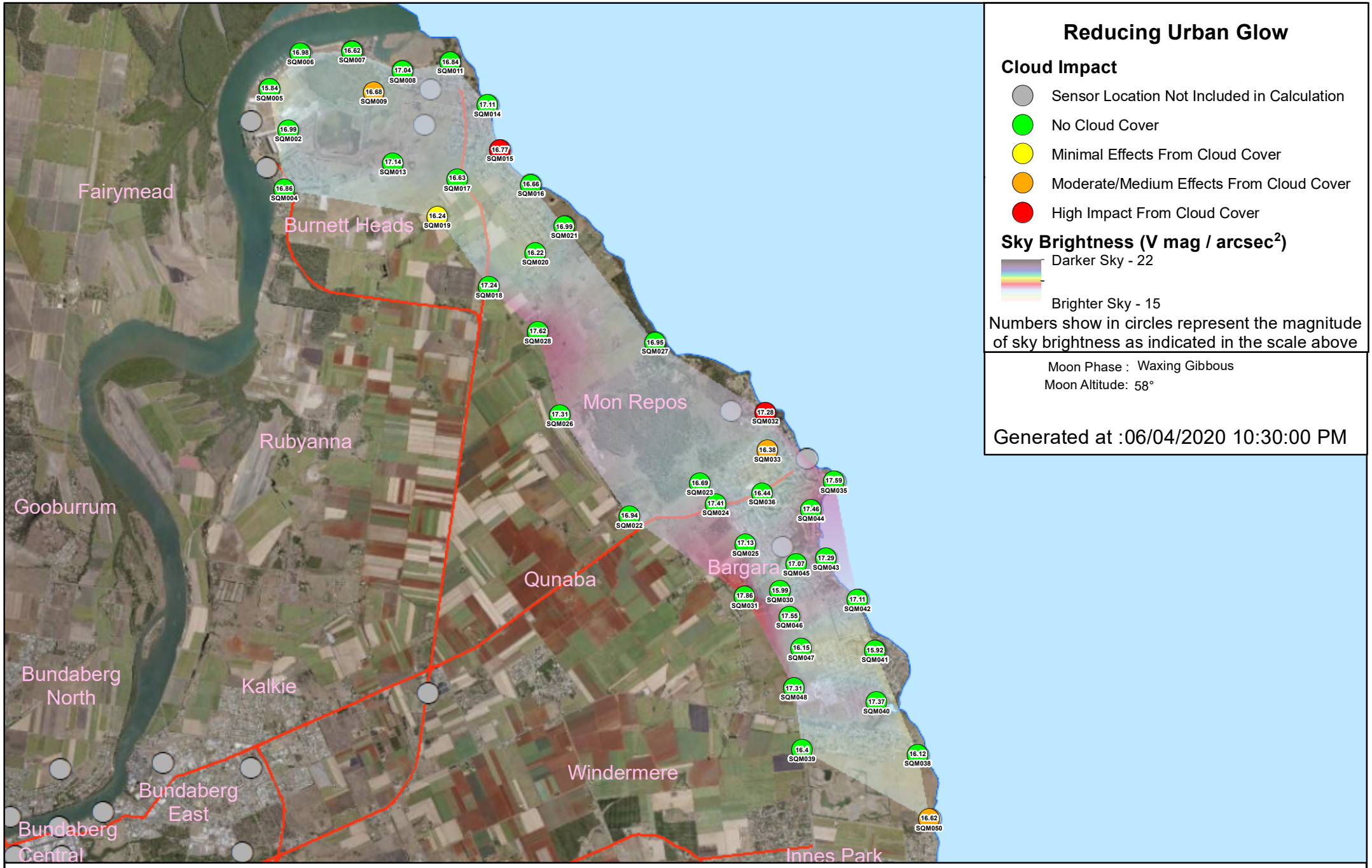

Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 52°
Generated at :06/04/2020 09:15:00 PM
Fairymead
Burnett Heads
Mon Repos
Rubyanna
Gooburrum
Qunaba
Bargara
Bundaberg North
Kalkie
Bundaberg East
Bundaberg Central
Windermere
Innes Park
17.49 SQM006
17.74 SQM007
17.51 SQM008
17.63 SQM011
17.62 SQM005
17.72 SQM009
17.73 SQM010
17.51 SQM014
17.47 SQM002
17.56 SQM012
17.55 SQM015
17.69 SQM013
17.49 SQM017
17.53 SQM016
17.67 SQM004
17.57 SQM021
17.55 SQM020
17.66 SQM018
18.0 SQM028
17.61 SQM027
17.5 SQM026
17.75 SQM032
17.78 SQM033
17.66 SQM023
17.69 SQM035
17.1 SQM036
17.67 SQM024
17.65 SQM044
17.53 SQM022
17.49 SQM025
17.56 SQM045
16.72 SQM043
17.45 SQM031
16.35 SQM030
17.58 SQM046
17.56 SQM047
17.51 SQM041
17.52 SQM048
17.71 SQM040
17.59 SQM039
17.26 SQM038
17.61 SQM050

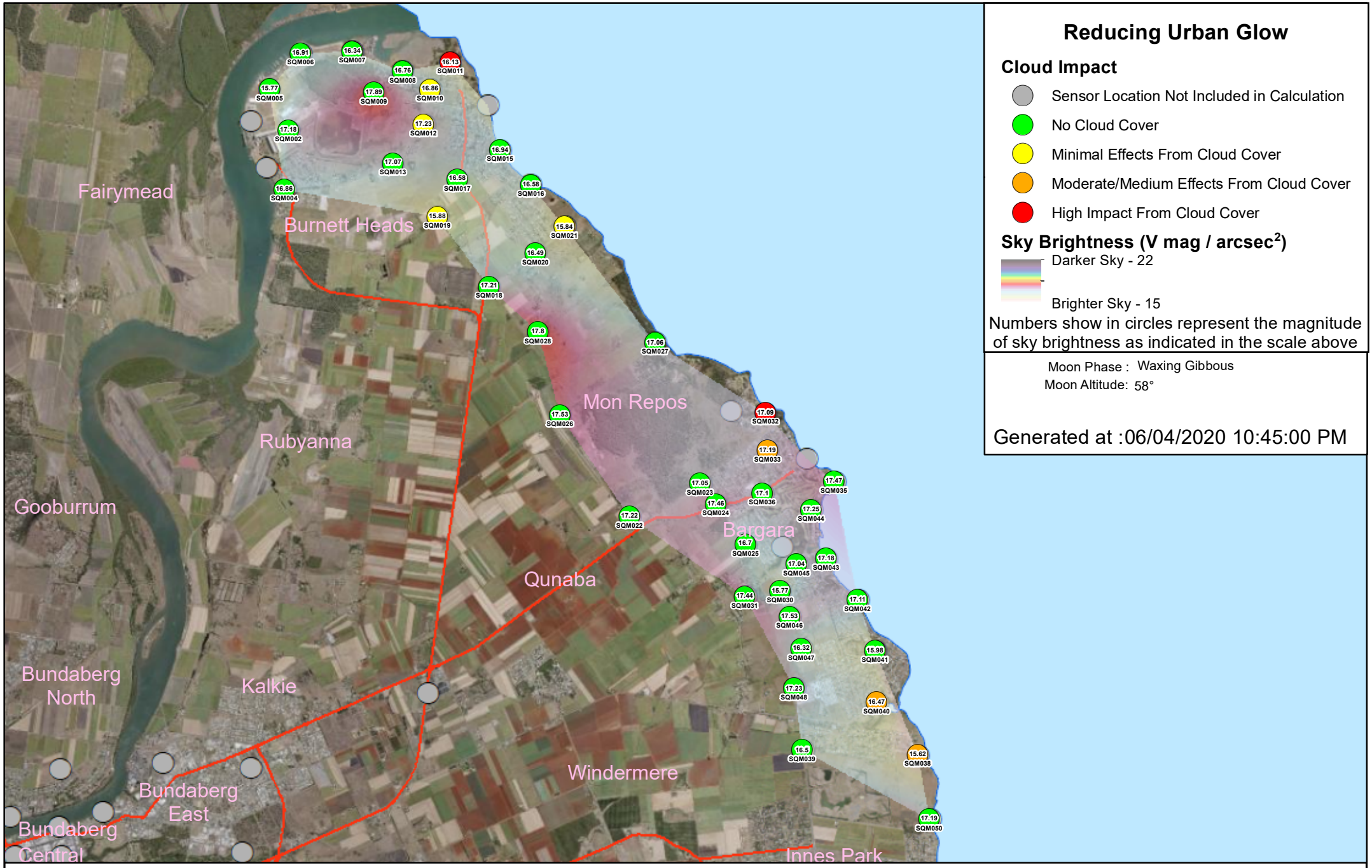

Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 54°
Generated at :06/04/2020 09:30:00 PM
Fairymead
Burnett Heads
Mon Repos
Rubyanna
Gooburrum
Qunaba
Bargara
Bundaberg North
Kalkie
Bundaberg East
Bundaberg Central
Windermere
Innes Park
17.37 SQM006
17.61 SQM007
17.52 SQM008
17.53 SQM011
17.47 SQM005
17.53 SQM009
17.6 SQM010
17.73 SQM014
17.44 SQM002
17.47 SQM012
17.68 SQM015
17.6 SQM013
17.36 SQM017
17.14 SQM016
17.51 SQM004
17.41 SQM019
17.51 SQM021
17.38 SQM020
17.58 SQM018
17.95 SQM028
17.38 SQM027
17.65 SQM026
17.56 SQM032
17.62 SQM033
17.61 SQM023
17.78 SQM035
16.56 SQM036
17.64 SQM024
17.68 SQM044
17.41 SQM022
17.4 SQM025
17.46 SQM043
16.3 SQM030
17.64 SQM031
17.51 SQM042
17.18 SQM046
17.39 SQM047
17.45 SQM041
17.67 SQM048
17.49 SQM040
17.37 SQM039
17.04 SQM038
17.51 SQM050


Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 55°
Generated at :06/04/2020 09:45:00 PM
Fairymead
Burnett Heads
Mon Repos
Rubyanna
Gooburrum
Qunaba
Bargara
Bundaberg North
Kalkie
Bundaberg East
Bundaberg Central
Windermere
Innes Park
17.16 SQM006
17.46 SQM007
17.45 SQM008
17.36 SQM011
17.26 SQM005
17.58 SQM009
17.37 SQM010
17.7 SQM014
17.31 SQM002
17.46 SQM015
17.42 SQM013
17.13 SQM017
16.69 SQM016
17.18 SQM004
17.31 SQM019
17.4 SQM021
16.9 SQM020
17.41 SQM018
17.73 SQM028
16.37 SQM027
17.68 SQM026
17.24 SQM032
17.49 SQM033
17.1 SQM023
17.62 SQM035
16.94 SQM036
17.49 SQM024
16.96 SQM044
17.37 SQM022
17.27 SQM025
17.64 SQM045
17.45 SQM043
16.3 SQM030
17.53 SQM031
17.34 SQM042
17.56 SQM046
16.79 SQM047
16.79 SQM041
17.42 SQM048
17.5 SQM040
16.67 SQM039
16.85 SQM038
16.9 SQM050


Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 57°
Generated at :06/04/2020 10:00:00 PM
Burnett Heads
Fairymead
Rubyanna
Gooburrum
Mon Repos
Qunaba
Bargara
Kalkie
Bundaberg North
Bundaberg East
Bundaberg Central
Windermere
Innes Park
17.1 SQM006
17.29 SQM007
17.17 SQM008
17.29 SQM011
17.55 SQM009
17.32 SQM010
17.54 SQM014
17.24 SQM002
17.52 SQM015
17.02 SQM004
16.82 SQM017
16.49 SQM016
16.95 SQM019
16.92 SQM021
16.52 SQM020
17.18 SQM018
16.93 SQM028
16.74 SQM027
17.58 SQM026
17.18 SQM032
17.24 SQM033
16.26 SQM023
16.61 SQM036
17.56 SQM035
17.48 SQM024
17.37 SQM044
17.31 SQM022
17.22 SQM025
17.52 SQM045
16.65 SQM043
17.64 SQM031
16.26 SQM030
17.26 SQM042
17.64 SQM046
16.32 SQM047
16.07 SQM041
17.41 SQM048
17.43 SQM040
16.54 SQM039
16.69 SQM038
17.3 SQM050
Australian Government
BUILDING OUR FUTURE
Queensland Government
BUNDABERG REGIONAL COUNCIL
REDUCING URBAN GLOW
ERGON ENERGY NETWORK
Burnett Mary REGIONAL GROUP
CQ university AUSTRALIA
Greenfleet
Prince's Trust Australia
Bundaberg Southern Great Barrier Reef Queensland Where great begins
STA sea turtle alliance inc.


Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 57°
Generated at :06/04/2020 10:15:00 PM
Burnett Heads
Fairymead
Rubyanna
Gooburrum
Mon Repos
Qunaba
Bargara
Kalkie
Bundaberg North
Bundaberg East
Bundaberg Central
Windermere
Innes Park
17.07 SQM006
17.14 SQM007
17.26 SQM008
17.18 SQM011
15.99 SQM005
17.52 SQM009
17.13 SQM010
17.23 SQM014
16.97 SQM015
16.93 SQM013
16.71 SQM017
16.34 SQM016
16.96 SQM004
16.81 SQM019
17.09 SQM021
16.05 SQM020
16.95 SQM018
17.48 SQM028
16.91 SQM027
16.87 SQM026
17.43 SQM032
16.86 SQM033
16.2 SQM023
17.27 SQM024
16.85 SQM036
17.57 SQM035
17.47 SQM044
17.24 SQM022
17.07 SQM025
17.05 SQM045
17.46 SQM043
17.46 SQM031
16.13 SQM030
16.56 SQM042
17.6 SQM046
16.08 SQM047
15.97 SQM041
17.37 SQM048
17.37 SQM040
16.5 SQM039
16.39 SQM038
17.24 SQM050


Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 58°
Generated at :06/04/2020 10:30:00 PM
Fairymead
Burnett Heads
Mon Repos
Rubyanna
Gooburrum
Qunaba
Bargara
Bundaberg North
Kalkie
Bundaberg East
Bundaberg Central
Windermere
Innes Park
16.98 SQM006
16.62 SQM007
17.04 SQM008
16.84 SQM011
15.84 SQM005
16.68 SQM009
17.11 SQM014
16.99 SQM002
16.77 SQM015
17.14 SQM013
16.63 SQM017
16.66 SQM016
16.86 SQM004
16.24 SQM019
16.99 SQM021
16.22 SQM020
17.24 SQM018
17.62 SQM028
16.95 SQM027
17.31 SQM026
17.28 SQM032
16.38 SQM033
16.69 SQM023
17.59 SQM035
16.44 SQM036
17.41 SQM024
17.46 SQM044
16.94 SQM022
17.13 SQM025
17.07 SQM045
17.29 SQM043
15.99 SQM030
17.86 SQM031
17.11 SQM042
17.55 SQM046
16.15 SQM047
15.92 SQM041
17.31 SQM048
17.37 SQM040
16.4 SQM039
16.12 SQM038
16.62 SQM050




## Reducing Urban Glow

### Cloud Impact

- Sensor Location Not Included in Calculation
- No Cloud Cover
- Minimal Effects From Cloud Cover
- Moderate/Medium Effects From Cloud Cover
- High Impact From Cloud Cover

### Sky Brightness (V mag / arcsec$^2$)

Darker Sky - 22

Brighter Sky - 15

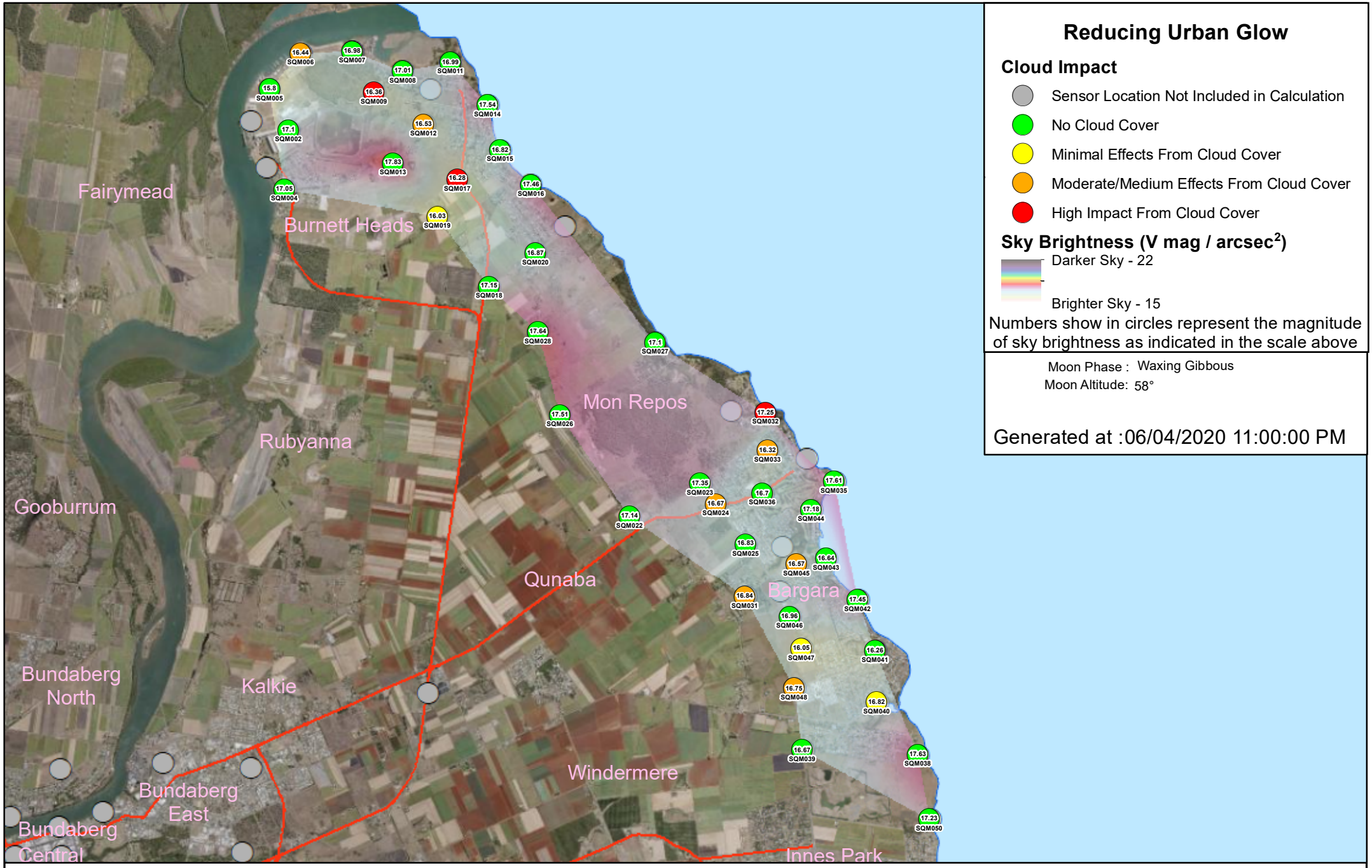
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above

Moon Phase : Waxing Gibbous

Moon Altitude: 58°

Generated at :06/04/2020 10:45:00 PM

Australian Government BUILDING OUR FUTURE | Queensland Government | BUNDABERG REGIONAL COUNCIL | REDUCING URBAN GLOW | ERGON ENERGY NETWORK | Burnett Mary Regional Group | CQUniversity Australia | Greenfleet | Prince's Trust Australia | Bundaberg Southern Great Barrier Reef Queensland Where great begins | STA sea turtle alliance inc.




## Reducing Urban Glow

### Cloud Impact

- Sensor Location Not Included in Calculation
- No Cloud Cover
- Minimal Effects From Cloud Cover
- Moderate/Medium Effects From Cloud Cover
- High Impact From Cloud Cover

### Sky Brightness (V mag / arcsec$^2$)

Darker Sky - 22

Brighter Sky - 15

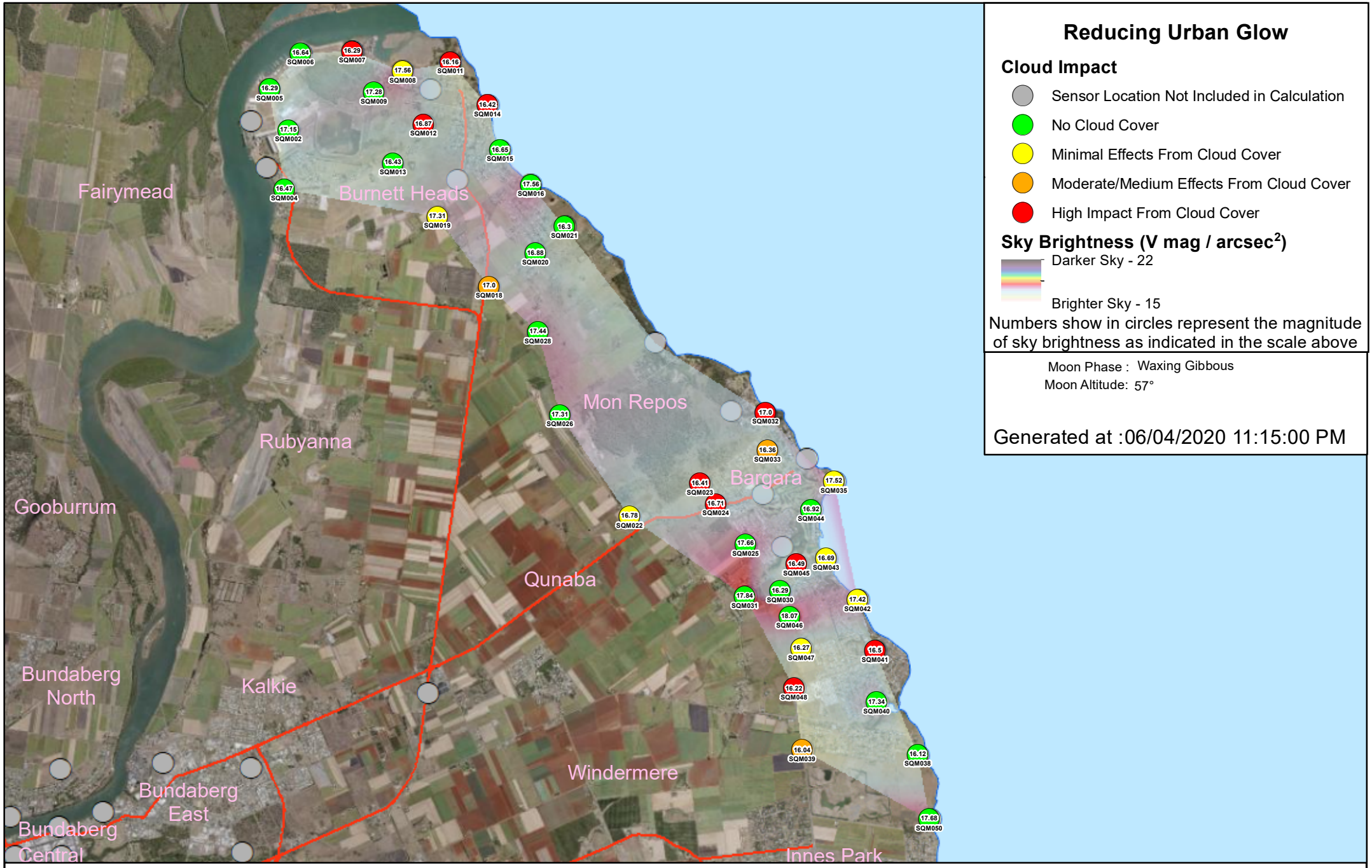
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above

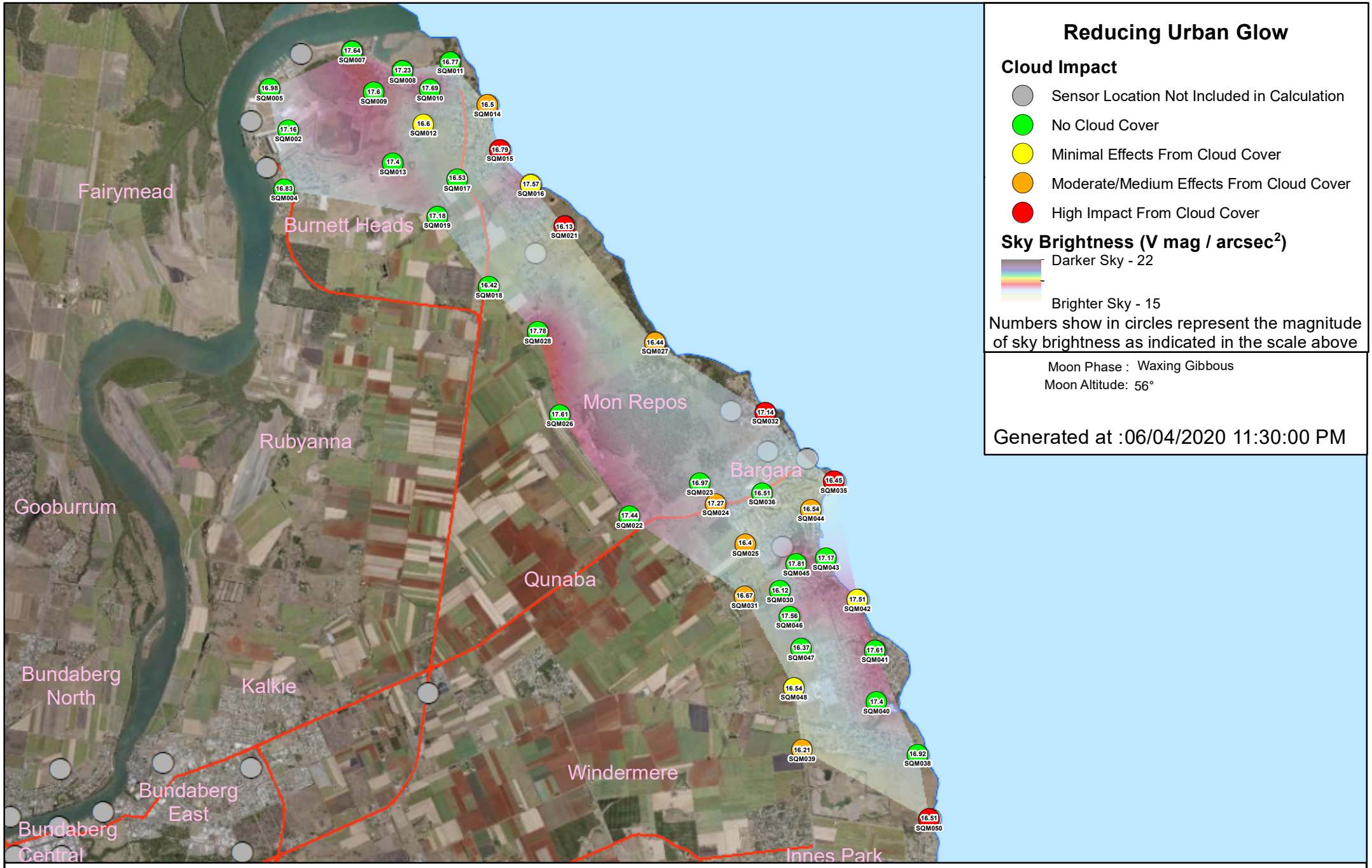
Moon Phase : Waxing Gibbous

Moon Altitude: 58°

Generated at :06/04/2020 11:00:00 PM

Australian Government BUILDING OUR FUTURE | Queensland Government | BUNDABERG REGIONAL COUNCIL | REDUCING URBAN GLOW | ERGON ENERGY NETWORK | Burnett Mary Regional Group | CQUniversity Australia | Greenfleet | Prince's Trust Australia | Bundaberg Southern Great Barrier Reef Queensland Where great begins | STA sea turtle alliance inc.


Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 57°
Generated at :06/04/2020 11:15:00 PM
Fairymead
Burnett Heads
Mon Repos
Rubyanna
Bargara
Gooburrum
Qunaba
Bundaberg North
Kalkie
Bundaberg East
Bundaberg Central
Windermere
Innes Park
16.64 SQM006
16.29 SQM007
17.56 SQM008
16.16 SQM011
16.29 SQM005
17.28 SQM009
16.42 SQM014
16.87 SQM012
17.15 SQM002
16.65 SQM015
16.43 SQM013
16.47 SQM004
17.56 SQM016
17.31 SQM019
16.3 SQM021
16.88 SQM020
17.0 SQM018
17.44 SQM028
17.31 SQM026
17.0 SQM032
16.36 SQM033
16.41 SQM023
17.52 SQM035
16.71 SQM024
16.92 SQM044
16.78 SQM022
17.66 SQM025
16.49 SQM045
16.69 SQM043
16.29 SQM030
17.84 SQM031
17.42 SQM042
18.07 SQM046
16.27 SQM047
16.5 SQM041
16.22 SQM048
17.34 SQM040
16.04 SQM039
16.12 SQM038
17.68 SQM050




## Reducing Urban Glow

### Cloud Impact

- Sensor Location Not Included in Calculation
- No Cloud Cover
- Minimal Effects From Cloud Cover
- Moderate/Medium Effects From Cloud Cover
- High Impact From Cloud Cover

### Sky Brightness (V mag / arcsec$^2$)

Darker Sky - 22

Brighter Sky - 15

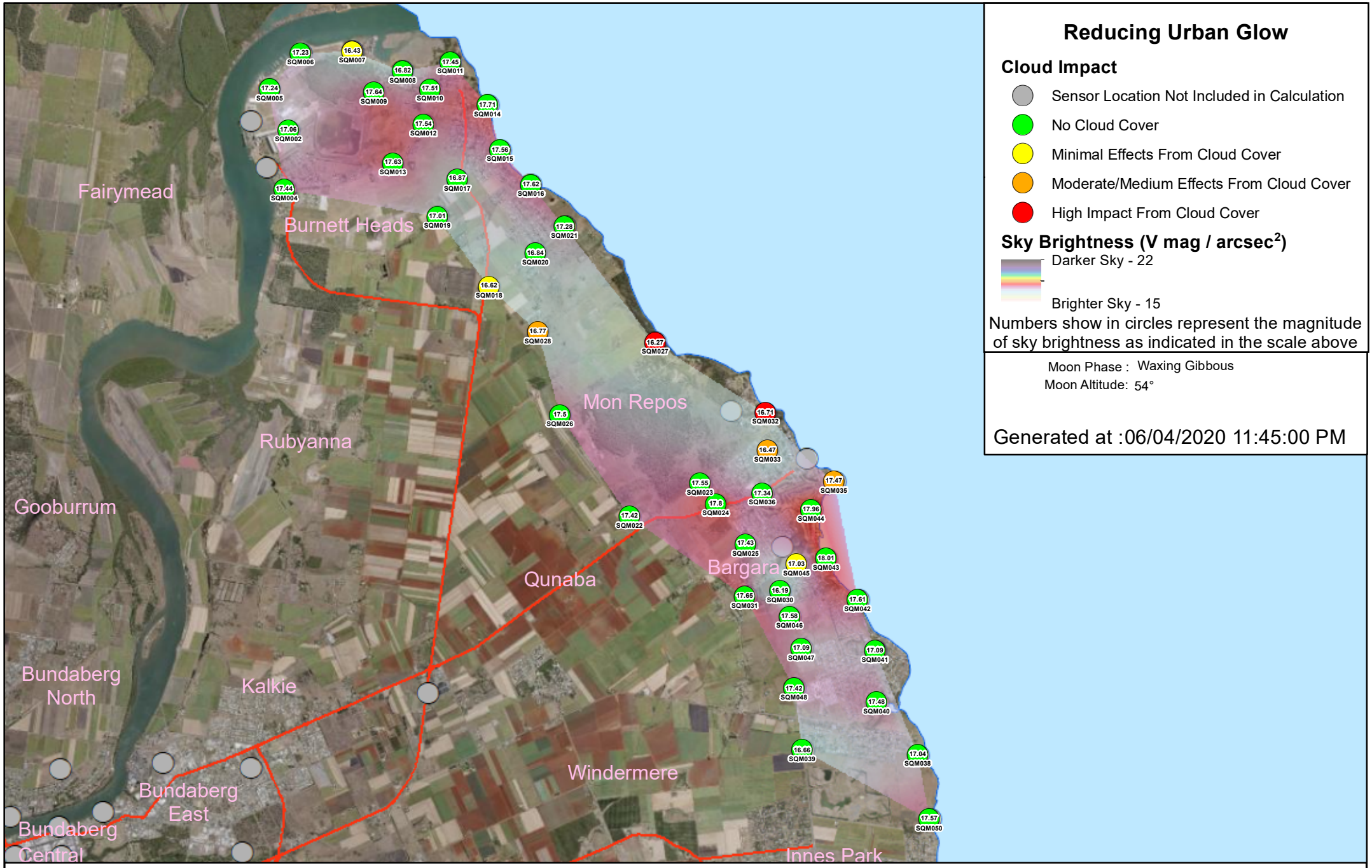
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above

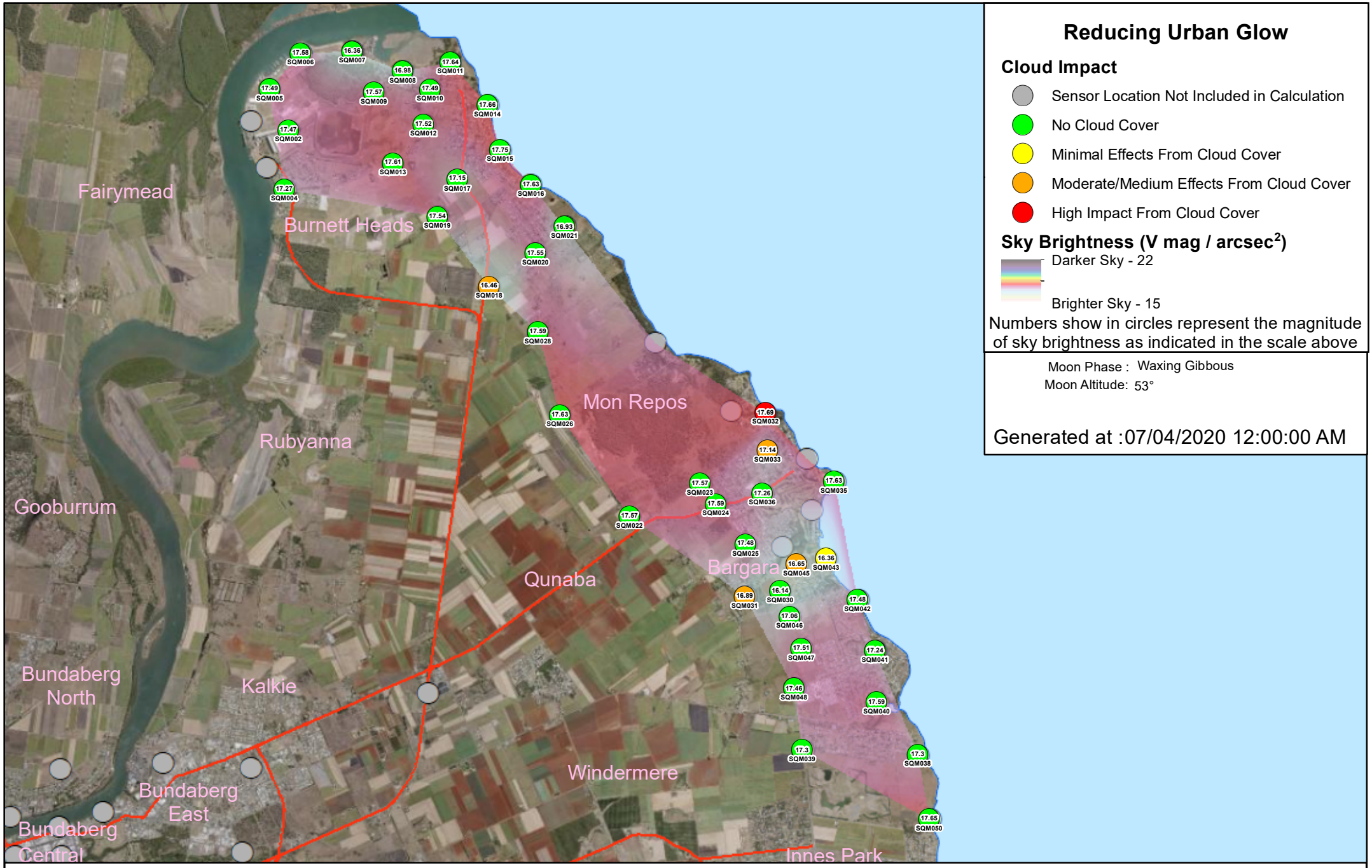
Moon Phase : Waxing Gibbous

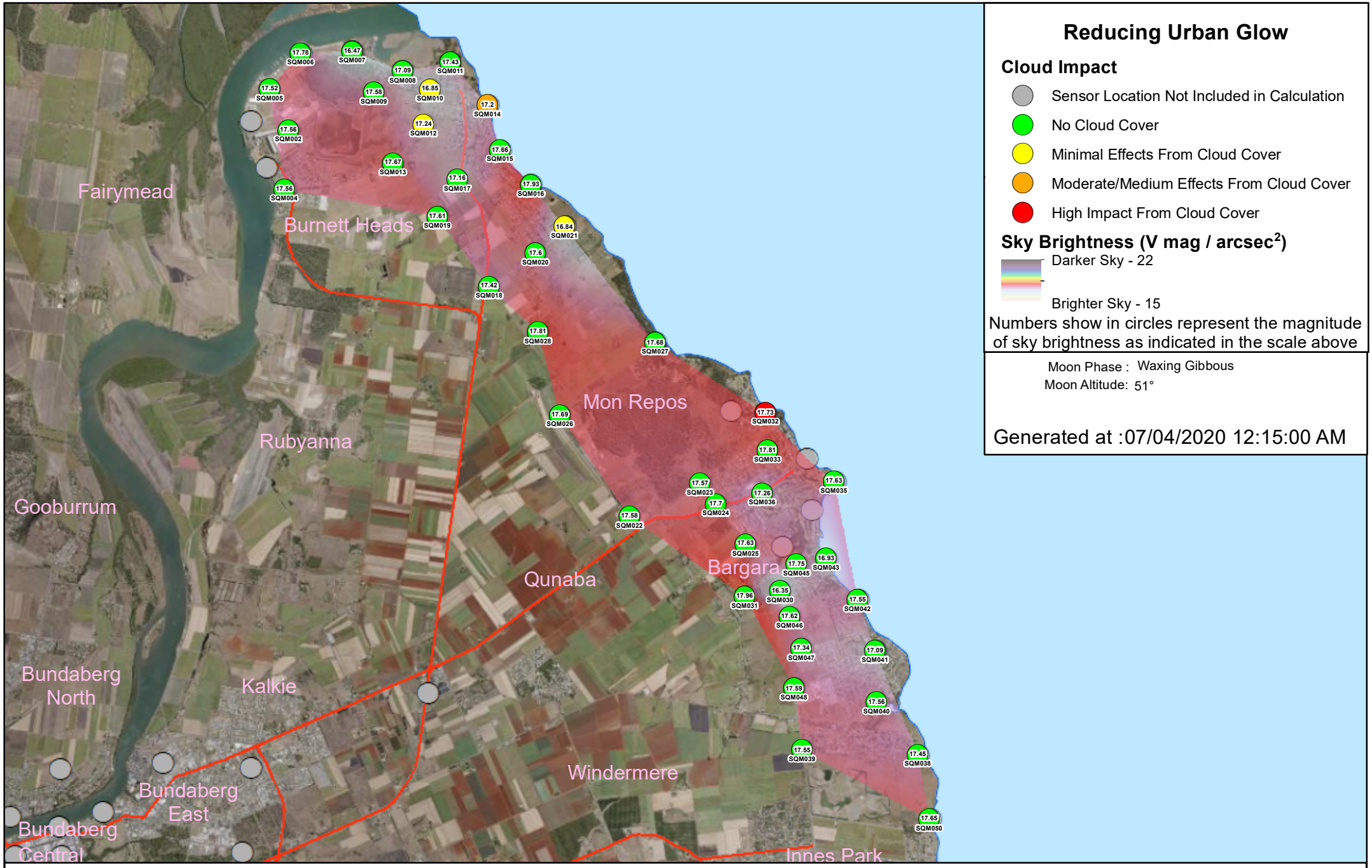
Moon Altitude: 56°

Generated at :06/04/2020 11:30:00 PM

Australian Government BUILDING OUR FUTURE | Queensland Government | BUNDABERG REGIONAL COUNCIL | REDUCING URBAN GLOW | ERGON ENERGY NETWORK | Burnett Mary Regional Group | CQUniversity Australia | Greenfleet | Prince's Trust Australia | Bundaberg Southern Great Barrier Reef Queensland Where great begins | STA sea turtle alliance inc.


Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 54°
Generated at :06/04/2020 11:45:00 PM
Fairymead
Burnett Heads
Mon Repos
Rubyanna
Gooburrum
Qunaba
Bargara
Bundaberg North
Kalkie
Bundaberg East
Bundaberg Central
Windermere
Innes Park
17.23 SQM006
16.43 SQM007
16.82 SQM008
17.45 SQM011
17.24 SQM005
17.64 SQM009
17.51 SQM010
17.71 SQM014
17.06 SQM002
17.54 SQM012
17.56 SQM015
17.63 SQM013
16.87 SQM017
17.62 SQM016
17.44 SQM004
17.01 SQM019
17.28 SQM021
16.84 SQM020
16.62 SQM018
16.77 SQM028
16.27 SQM027
17.5 SQM026
16.71 SQM032
16.47 SQM033
17.55 SQM023
17.34 SQM036
17.47 SQM035
17.8 SQM024
17.96 SQM044
17.42 SQM022
17.43 SQM025
17.03 SQM045
18.01 SQM043
17.65 SQM031
16.19 SQM030
17.61 SQM042
17.58 SQM046
17.09 SQM047
17.09 SQM041
17.42 SQM048
17.48 SQM040
16.66 SQM039
17.04 SQM038
17.57 SQM050


Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 53°
Generated at :07/04/2020 12:00:00 AM
Fairymead
Burnett Heads
Mon Repos
Rubyanna
Gooburrum
Qunaba
Bargara
Bundaberg North
Kalkie
Bundaberg East
Bundaberg Central
Windermere
Innes Park
17.58 SQM006
16.36 SQM007
16.98 SQM008
17.64 SQM011
17.49 SQM005
17.57 SQM009
17.49 SQM010
17.66 SQM014
17.47 SQM002
17.52 SQM012
17.75 SQM015
17.61 SQM013
17.15 SQM017
17.63 SQM016
17.27 SQM004
17.54 SQM019
16.93 SQM021
17.55 SQM020
16.46 SQM018
17.59 SQM028
17.63 SQM026
17.69 SQM032
17.14 SQM033
17.57 SQM023
17.26 SQM036
17.63 SQM035
17.59 SQM024
17.57 SQM022
17.48 SQM025
16.65 SQM045
16.36 SQM043
16.89 SQM031
16.14 SQM030
17.48 SQM042
17.06 SQM046
17.51 SQM047
17.24 SQM041
17.46 SQM048
17.59 SQM040
17.3 SQM039
17.3 SQM038
17.65 SQM050




## Reducing Urban Glow

### Cloud Impact

- Sensor Location Not Included in Calculation
- No Cloud Cover
- Minimal Effects From Cloud Cover
- Moderate/Medium Effects From Cloud Cover
- High Impact From Cloud Cover

### Sky Brightness (V mag / arcsec$^2$)

Darker Sky - 22

Brighter Sky - 15

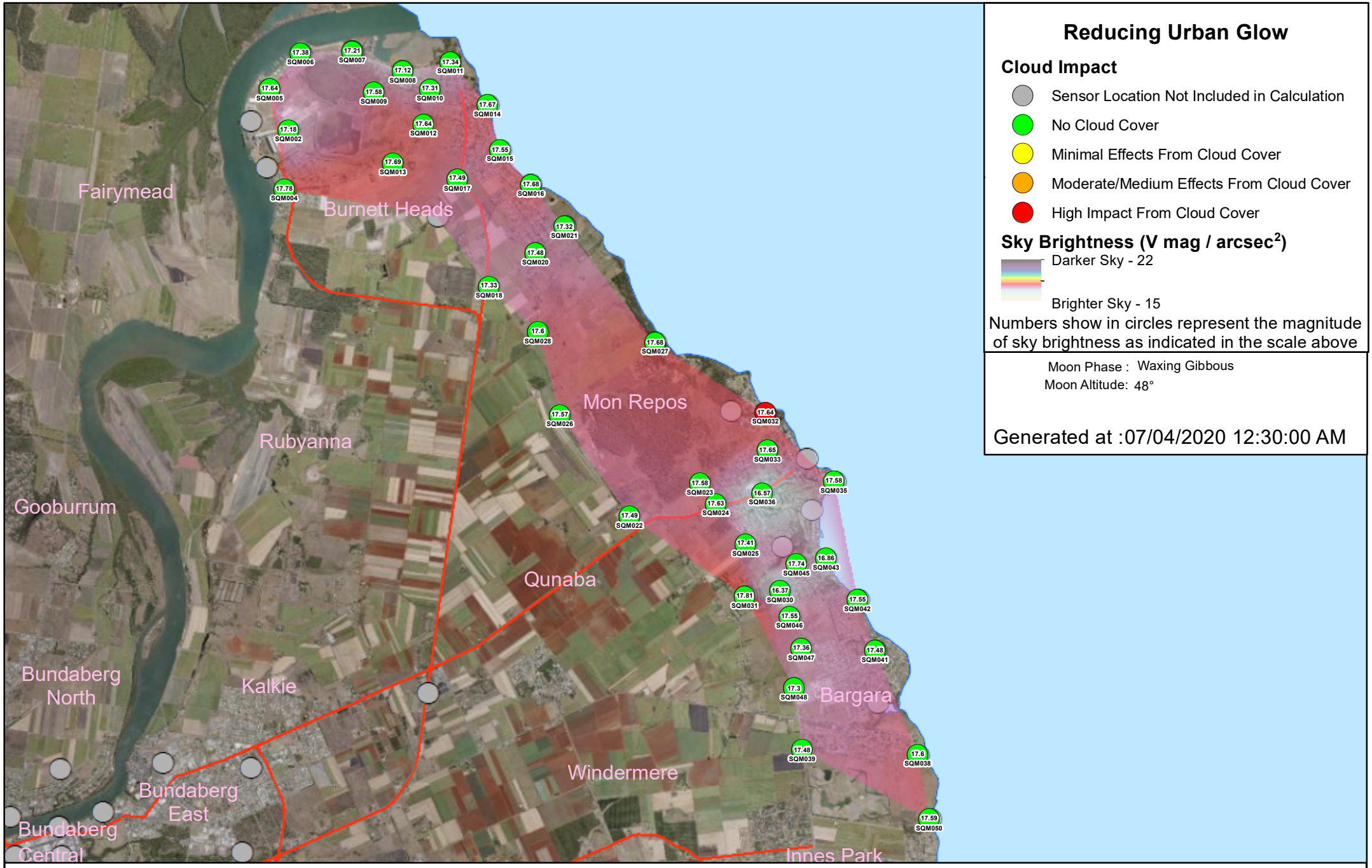
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above

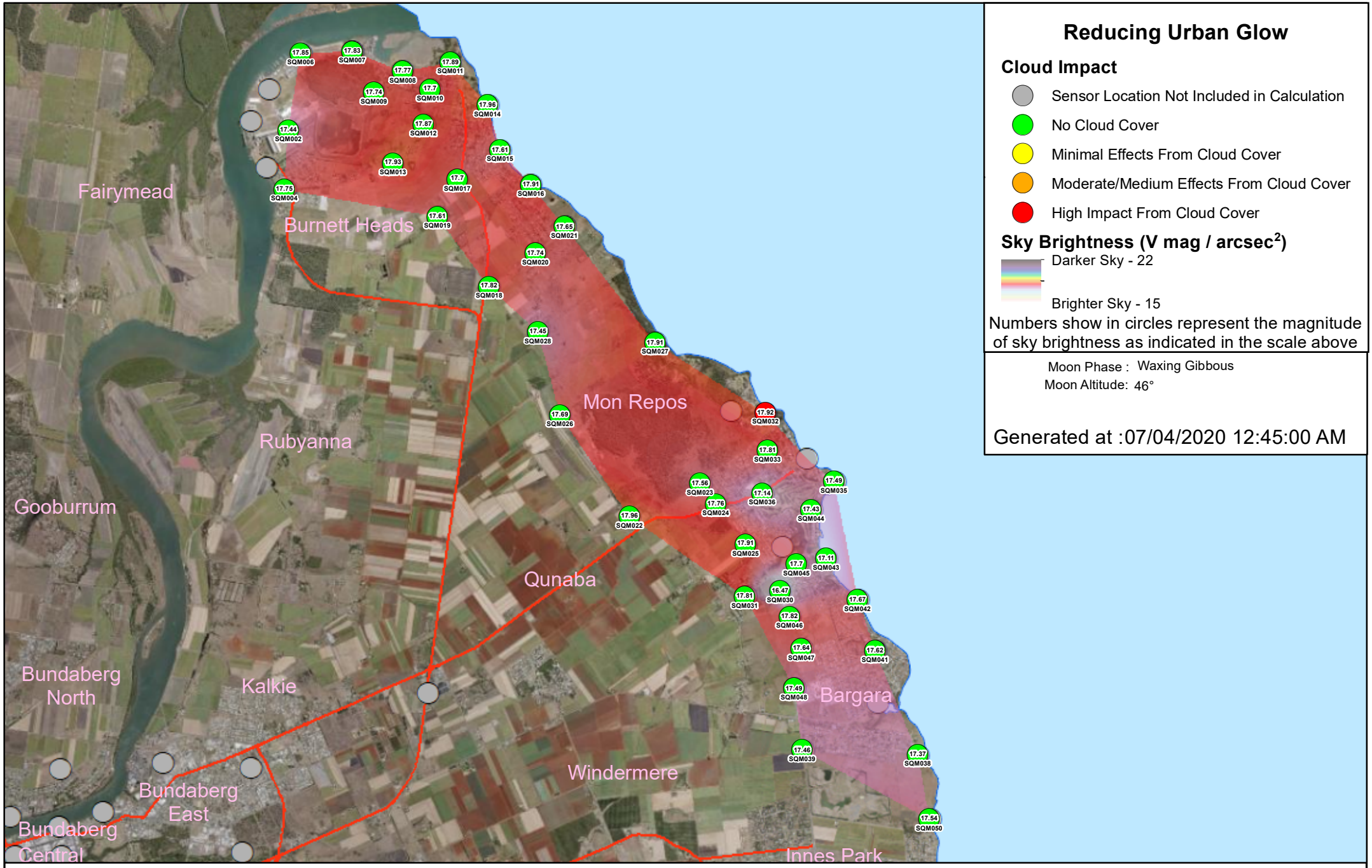
Moon Phase : Waxing Gibbous

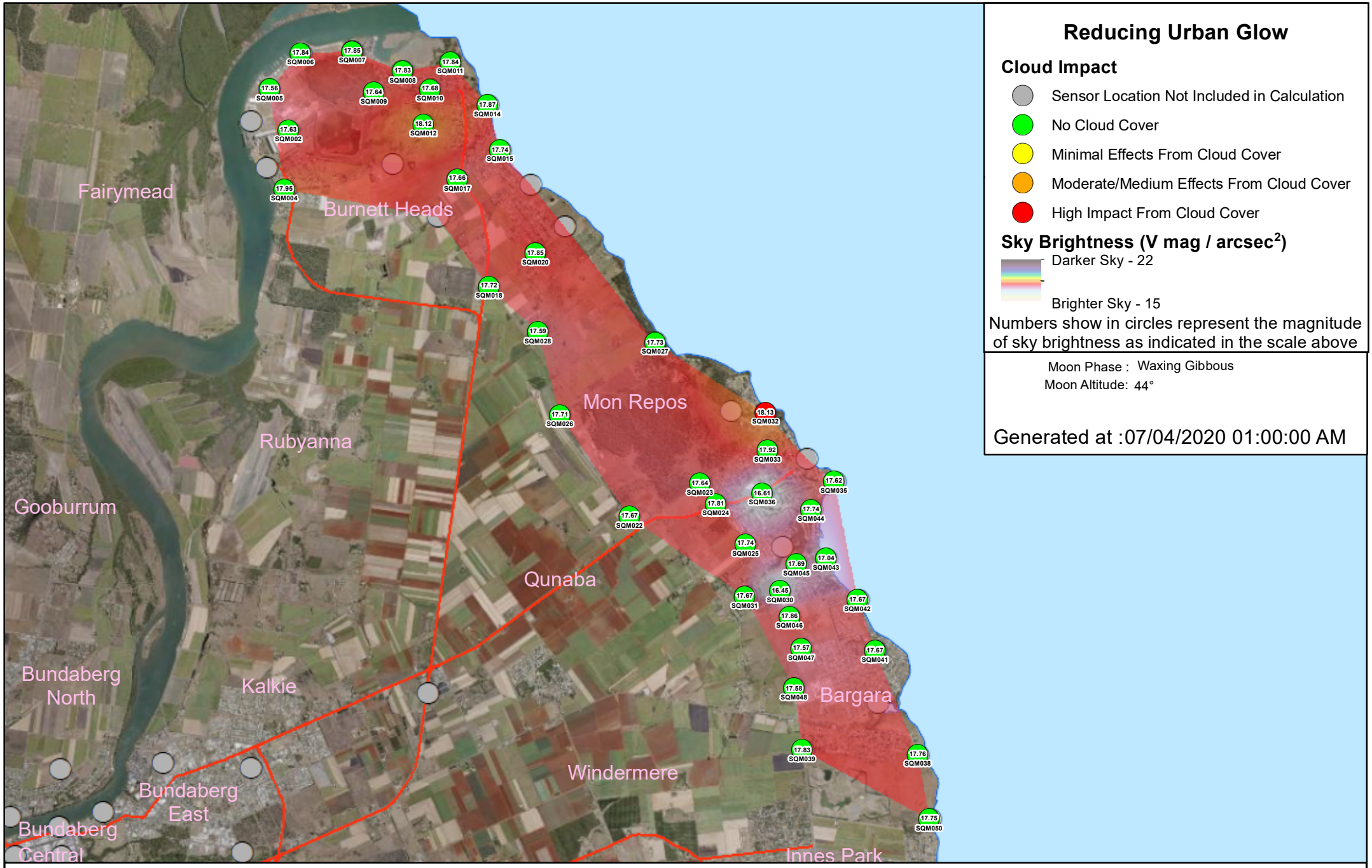
Moon Altitude: 51°

Generated at :07/04/2020 12:15:00 AM

Australian Government BUILDING OUR FUTURE | Queensland Government | BUNDABERG REGIONAL COUNCIL | REDUCING URBAN GLOW | ERGON ENERGY NETWORK | Burnett Mary Regional Group | CQUniversity Australia | Greenfleet | Prince's Trust Australia | Bundaberg Southern Great Barrier Reef Queensland Where great begins | STA sea turtle alliance inc.


Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 48°
Generated at :07/04/2020 12:30:00 AM
Fairymead
Burnett Heads
Mon Repos
Rubyanna
Gooburrum
Qunaba
Bundaberg North
Kalkie
Bargara
Windermere
Bundaberg East
Bundaberg Central
Innes Park
17.38 SQM006
17.21 SQM007
17.12 SQM008
17.34 SQM011
17.64 SQM005
17.58 SQM009
17.31 SQM010
17.67 SQM014
17.18 SQM002
17.64 SQM012
17.55 SQM015
17.69 SQM013
17.49 SQM017
17.68 SQM016
17.78 SQM004
17.32 SQM021
17.48 SQM020
17.33 SQM018
17.6 SQM028
17.68 SQM027
17.57 SQM026
17.64 SQM032
17.65 SQM033
17.58 SQM023
17.63 SQM024
16.57 SQM036
17.58 SQM035
17.49 SQM022
17.41 SQM025
17.74 SQM045
16.86 SQM043
17.81 SQM031
16.37 SQM030
17.55 SQM042
17.55 SQM046
17.36 SQM047
17.48 SQM041
17.3 SQM048
17.48 SQM039
17.6 SQM038
17.59 SQM050


Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 46°
Generated at :07/04/2020 12:45:00 AM
Fairymead
Burnett Heads
Mon Repos
Rubyanna
Gooburrum
Qunaba
Bundaberg North
Kalkie
Bundaberg East
Bundaberg Central
Bargara
Windermere
Innes Park
17.85 SQM006
17.83 SQM007
17.77 SQM008
17.89 SQM011
17.74 SQM009
17.7 SQM010
17.96 SQM014
17.87 SQM012
17.44 SQM002
17.61 SQM015
17.93 SQM013
17.7 SQM017
17.91 SQM016
17.75 SQM004
17.61 SQM019
17.65 SQM021
17.74 SQM020
17.82 SQM018
17.45 SQM028
17.91 SQM027
17.69 SQM026
17.92 SQM032
17.81 SQM033
17.56 SQM023
17.49 SQM035
17.14 SQM036
17.76 SQM024
17.43 SQM044
17.96 SQM022
17.91 SQM025
17.7 SQM045
17.11 SQM043
16.47 SQM030
17.81 SQM031
17.67 SQM042
17.82 SQM046
17.64 SQM047
17.62 SQM041
17.49 SQM048
17.46 SQM039
17.37 SQM038
17.54 SQM050




## Reducing Urban Glow

### Cloud Impact

- Sensor Location Not Included in Calculation
- No Cloud Cover
- Minimal Effects From Cloud Cover
- Moderate/Medium Effects From Cloud Cover
- High Impact From Cloud Cover

### Sky Brightness (V mag / arcsec$^2$)

Darker Sky - 22

Brighter Sky - 15

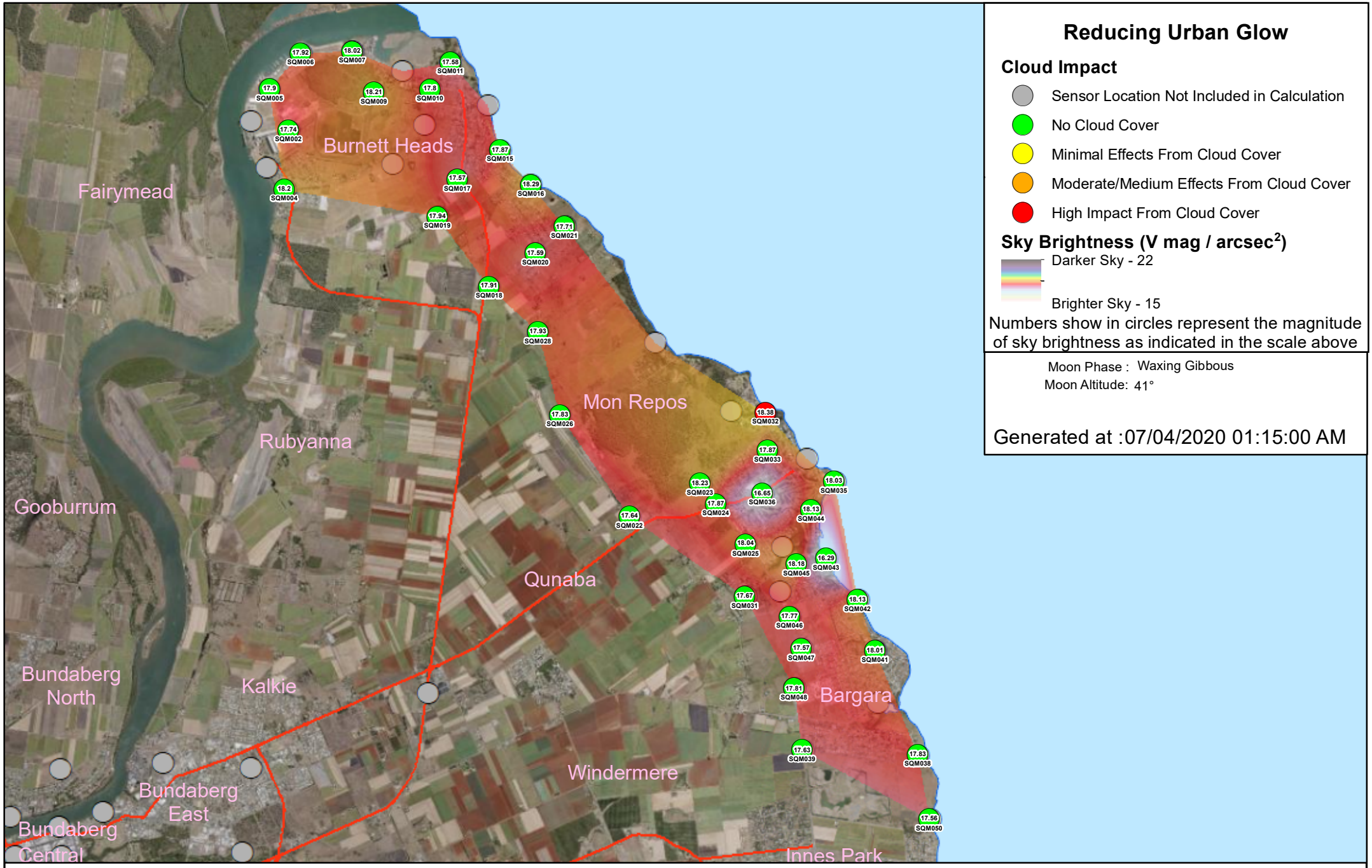
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above

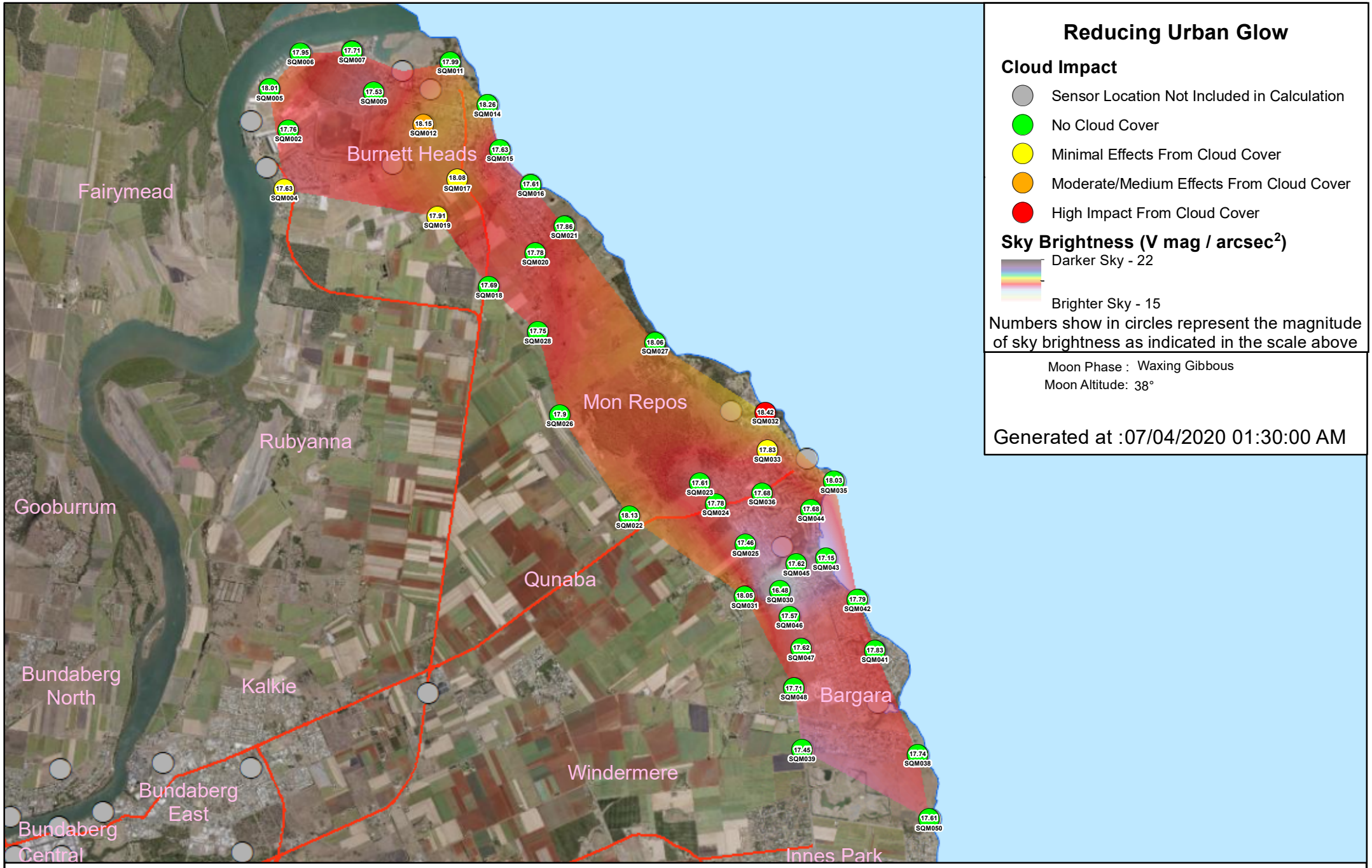
Moon Phase : Waxing Gibbous

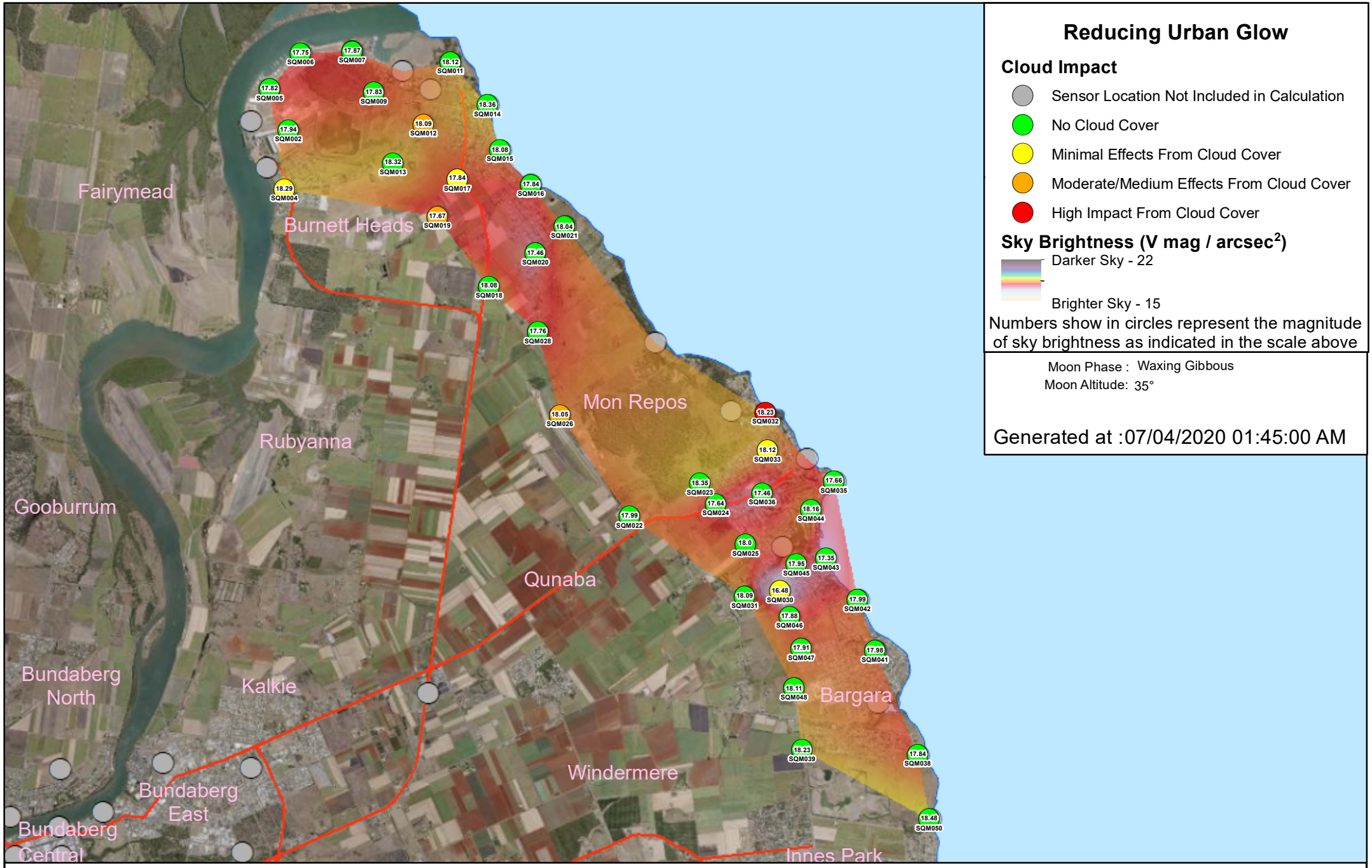
Moon Altitude: 44°

Generated at :07/04/2020 01:00:00 AM

Australian Government BUILDING OUR FUTURE | Queensland Government | BUNDABERG REGIONAL COUNCIL | REDUCING URBAN GLOW | ERGON ENERGY NETWORK | Burnett Mary Regional Group | CQUniversity Australia | Greenfleet | Prince's Trust Australia | Bundaberg Southern Great Barrier Reef Queensland Where great begins | STA sea turtle alliance inc.


Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 41°
Generated at :07/04/2020 01:15:00 AM
Burnett Heads
Fairymead
Mon Repos
Rubyanna
Gooburrum
Qunaba
Bundaberg North
Kalkie
Bargara
Windermere
Bundaberg East
Bundaberg Central
Innes Park
17.92 SQM006
18.02 SQM007
17.58 SQM011
17.9 SQM005
18.21 SQM009
17.8 SQM010
17.74 SQM002
17.87 SQM015
17.57 SQM017
18.29 SQM016
18.2 SQM004
17.94 SQM019
17.71 SQM021
17.59 SQM020
17.91 SQM018
17.93 SQM028
17.83 SQM026
18.38 SQM032
17.87 SQM033
18.23 SQM023
16.65 SQM036
18.03 SQM035
17.87 SQM024
18.13 SQM044
17.64 SQM022
18.04 SQM025
18.18 SQM045
16.29 SQM043
17.67 SQM031
18.13 SQM042
17.77 SQM046
17.57 SQM047
18.01 SQM041
17.81 SQM048
17.63 SQM039
17.83 SQM038
17.56 SQM050


Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 38°
Generated at :07/04/2020 01:30:00 AM
Burnett Heads
Fairymead
Mon Repos
Rubyanna
Gooburrum
Qunaba
Bundaberg North
Kalkie
Bargara
Bundaberg East
Bundaberg Central
Windermere
Innes Park
17.95 SQM006
17.71 SQM007
17.99 SQM011
18.01 SQM005
17.53 SQM009
18.26 SQM014
18.15 SQM012
17.76 SQM002
17.63 SQM015
17.63 SQM004
18.08 SQM017
17.61 SQM016
17.91 SQM019
17.86 SQM021
17.78 SQM020
17.69 SQM018
17.75 SQM028
18.06 SQM027
17.9 SQM026
18.42 SQM032
17.83 SQM033
17.61 SQM023
18.03 SQM035
17.78 SQM024
17.68 SQM036
17.68 SQM044
18.13 SQM022
17.46 SQM025
17.62 SQM045
17.15 SQM043
18.05 SQM031
16.48 SQM030
17.79 SQM042
17.57 SQM046
17.62 SQM047
17.83 SQM041
17.71 SQM048
17.45 SQM039
17.74 SQM038
17.61 SQM050




## Reducing Urban Glow

### Cloud Impact

- Sensor Location Not Included in Calculation
- No Cloud Cover
- Minimal Effects From Cloud Cover
- Moderate/Medium Effects From Cloud Cover
- High Impact From Cloud Cover

### Sky Brightness (V mag / arcsec$^2$)

Darker Sky - 22

Brighter Sky - 15

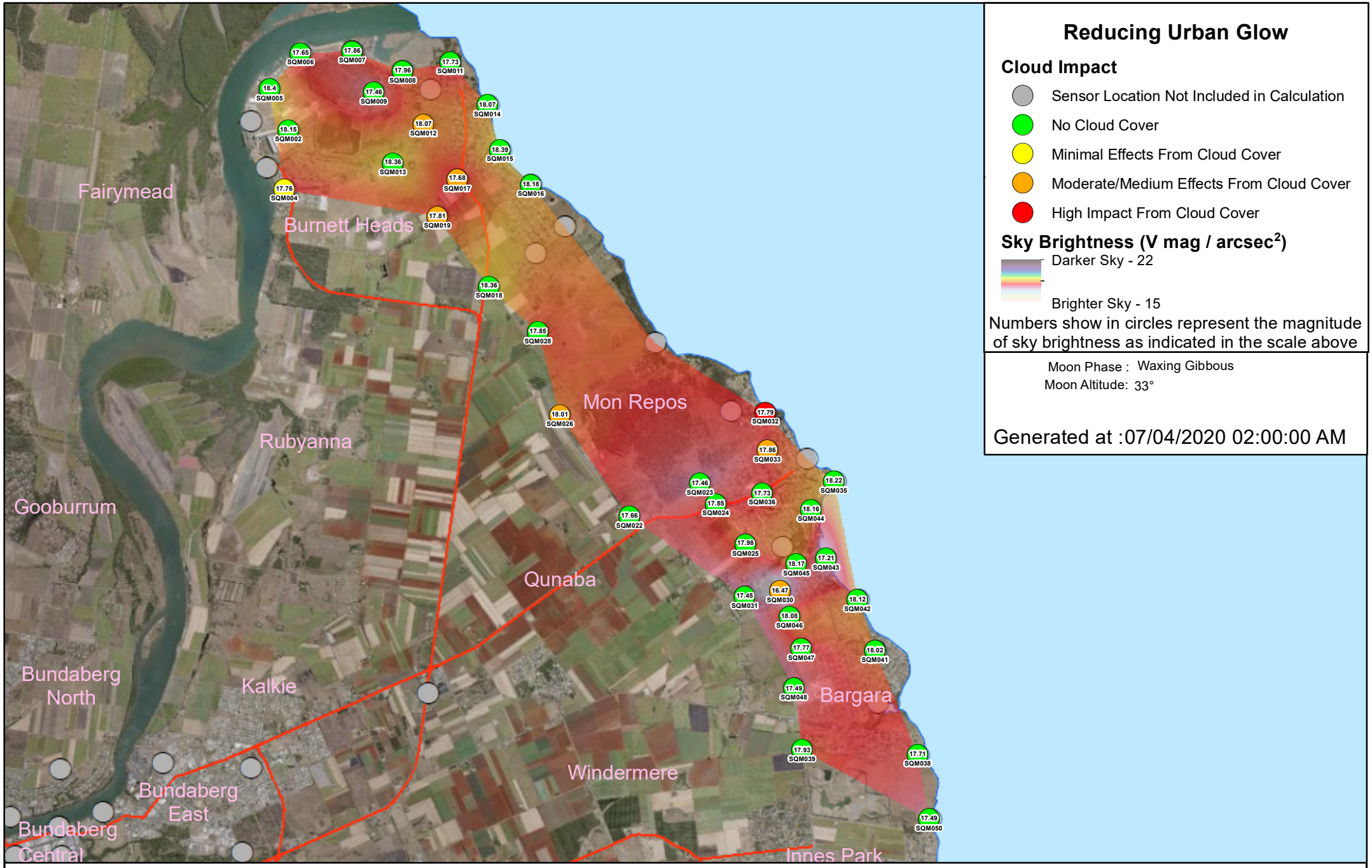
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above

Moon Phase : Waxing Gibbous

Moon Altitude: 35°

Generated at :07/04/2020 01:45:00 AM

Australian Government BUILDING OUR FUTURE | Queensland Government | BUNDABERG REGIONAL COUNCIL | REDUCING URBAN GLOW | ERGON ENERGY NETWORK | Burnett Mary Regional Group | CQUniversity Australia | Greenfleet | Prince's Trust Australia | Bundaberg Southern Great Barrier Reef Queensland Where great begins | STA sea turtle alliance inc.




## Reducing Urban Glow

### Cloud Impact

- Sensor Location Not Included in Calculation
- No Cloud Cover
- Minimal Effects From Cloud Cover
- Moderate/Medium Effects From Cloud Cover
- High Impact From Cloud Cover

### Sky Brightness (V mag / arcsec$^2$)

Darker Sky - 22

Brighter Sky - 15

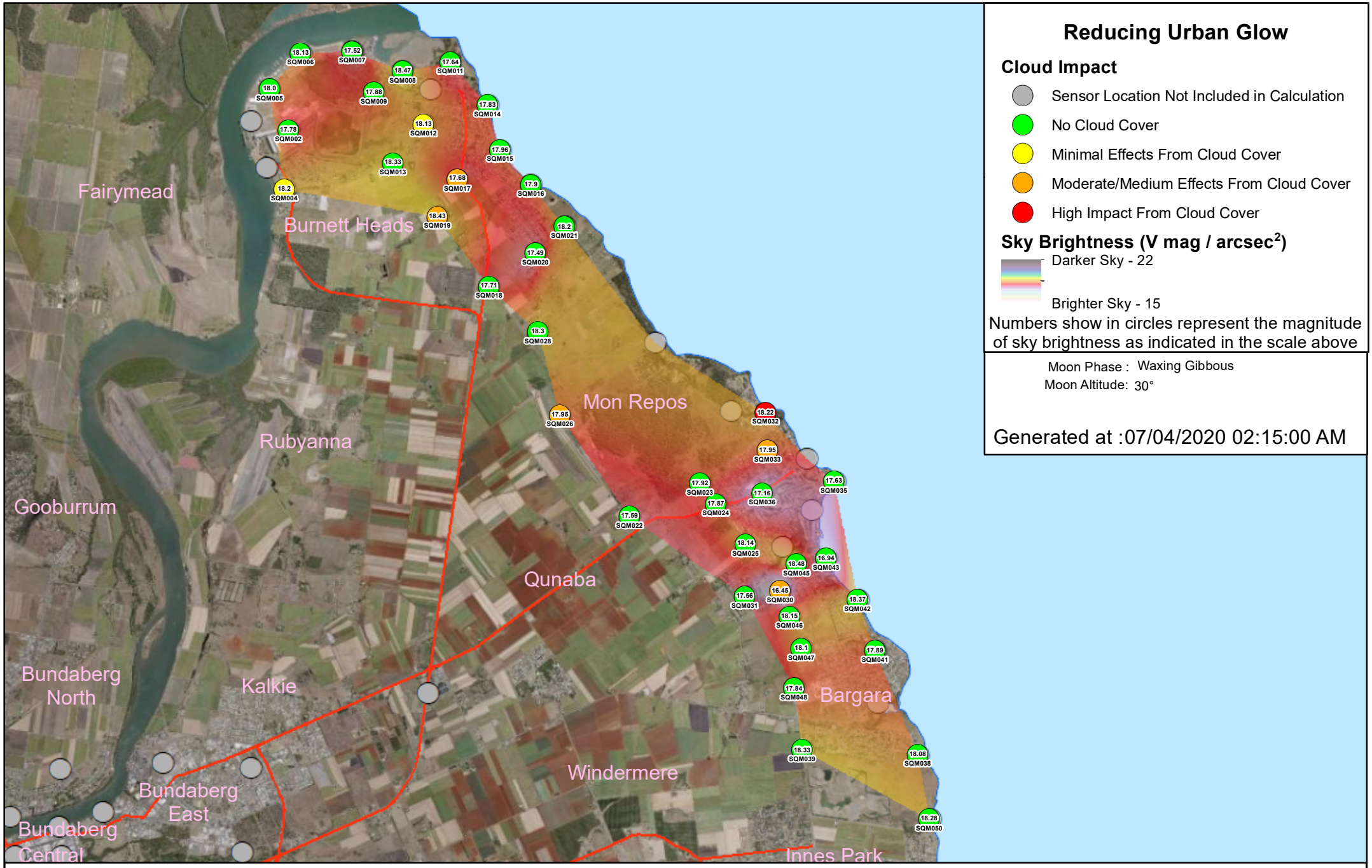
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above

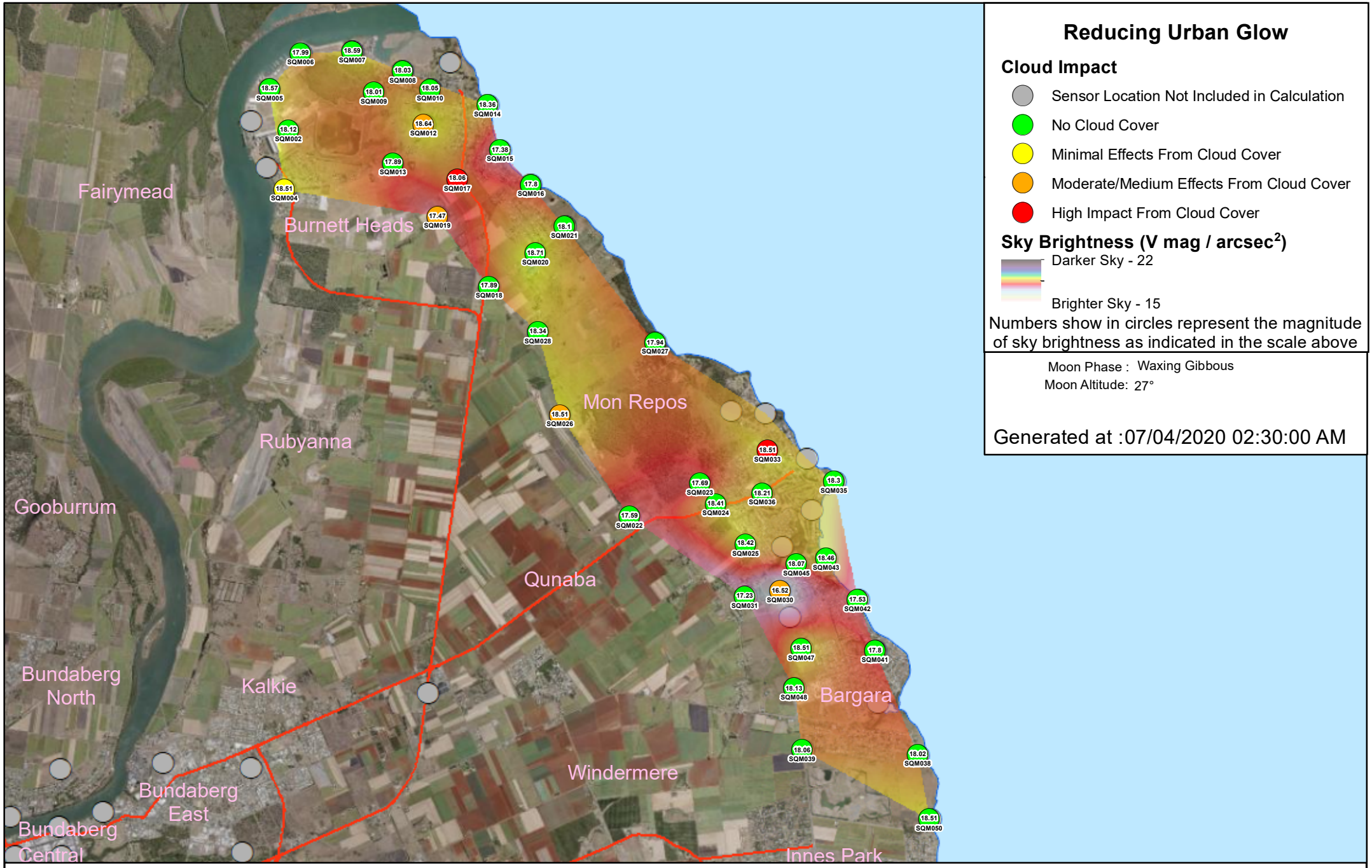
Moon Phase : Waxing Gibbous

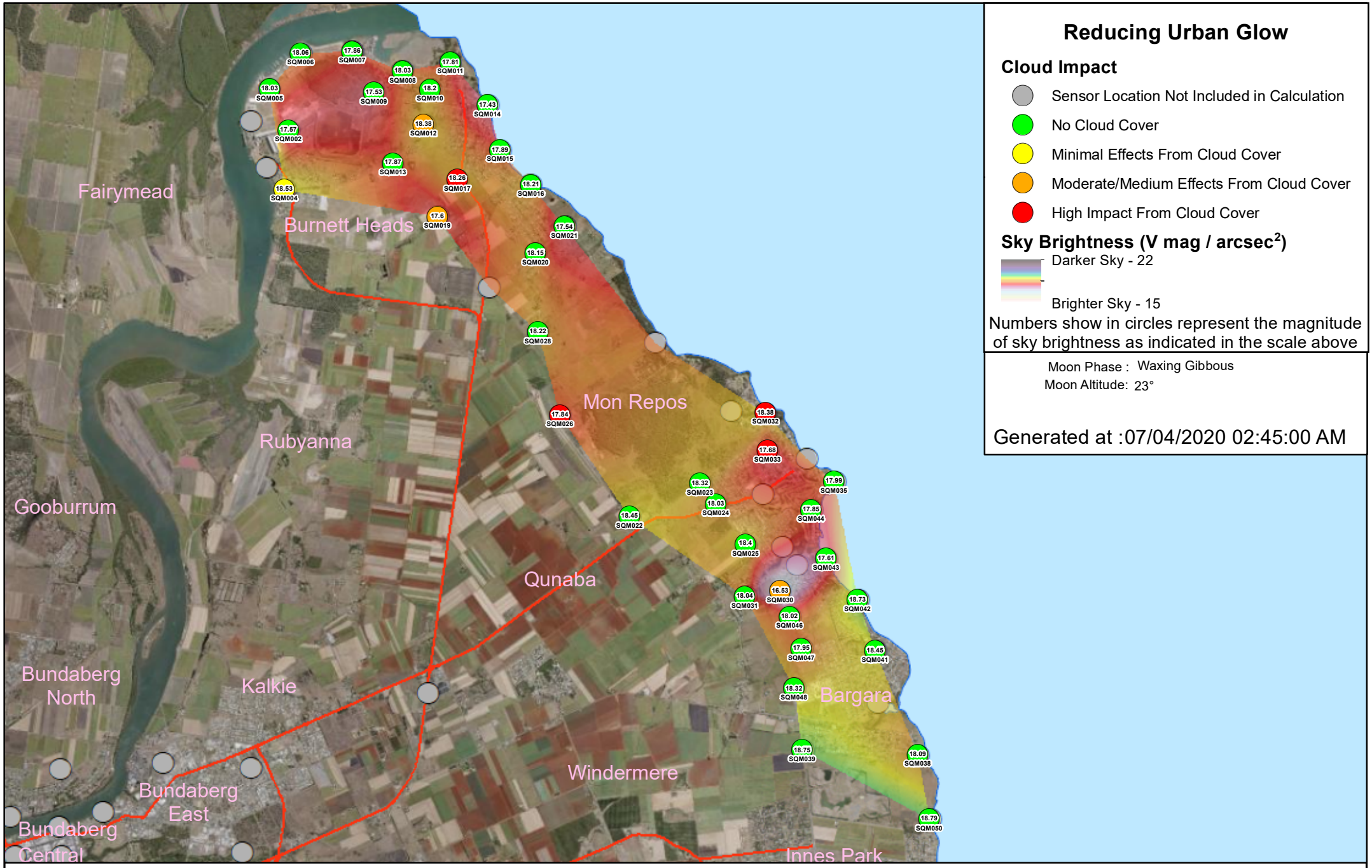
Moon Altitude: 33°

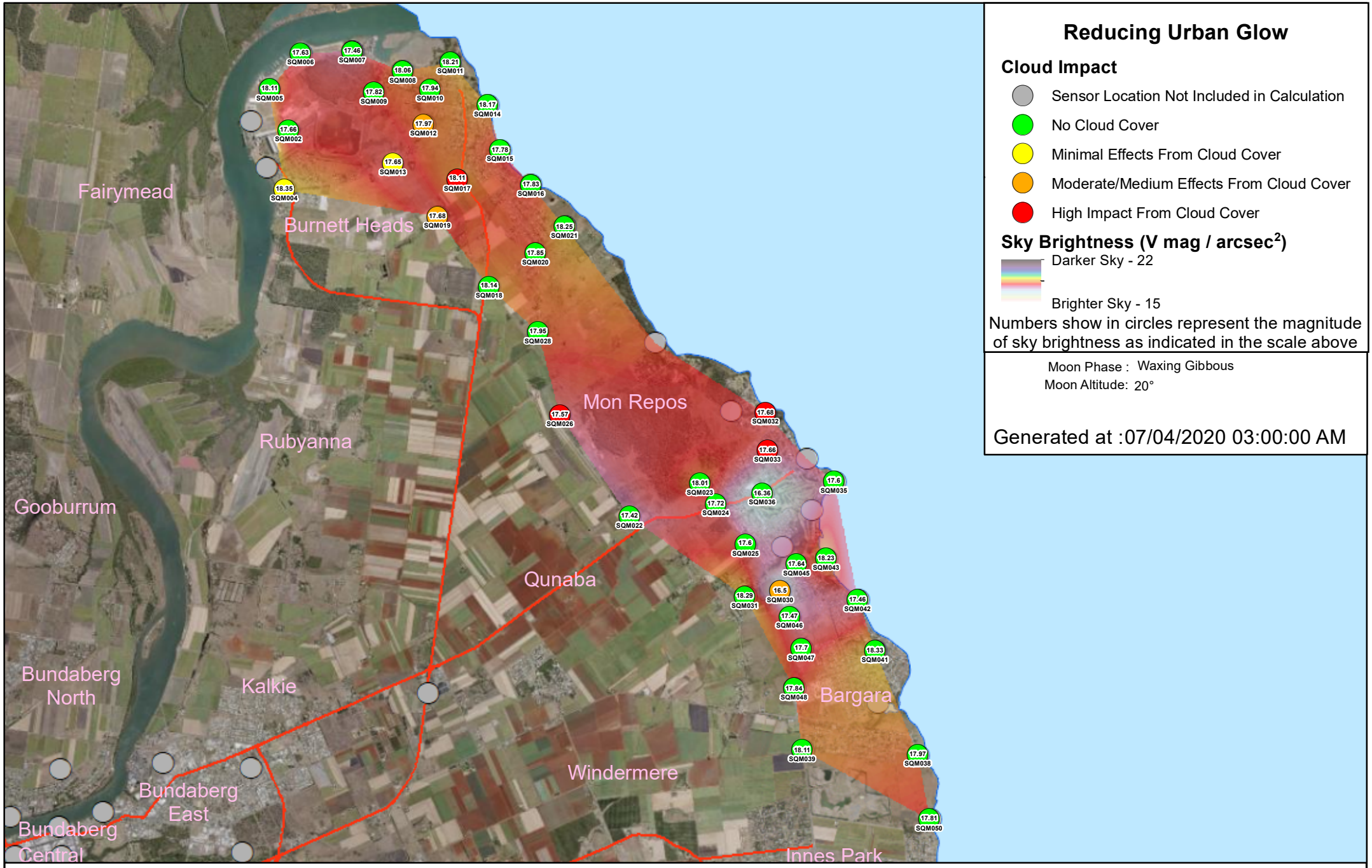
Generated at :07/04/2020 02:00:00 AM

Australian Government BUILDING OUR FUTURE | Queensland Government | BUNDABERG REGIONAL COUNCIL | REDUCING URBAN GLOW | ERGON ENERGY NETWORK | Burnett Mary Regional Group | CQUniversity Australia | Greenfleet | Prince's Trust Australia | Bundaberg Southern Great Barrier Reef Queensland Where great begins | STA sea turtle alliance inc.


Fairymead
Burnett Heads
Mon Repos
Rubyanna
Gooburrum
Qunaba
Bundaberg North
Kalkie
Bargara
Bundaberg East
Bundaberg Central
Windermere
Innes Park
18.13 SQM006
17.52 SQM007
18.47 SQM008
17.64 SQM011
18.0 SQM005
17.88 SQM009
17.83 SQM014
17.78 SQM002
18.13 SQM012
17.96 SQM015
18.33 SQM013
17.68 SQM017
17.9 SQM016
18.2 SQM004
18.43 SQM019
18.2 SQM021
17.49 SQM020
17.71 SQM018
18.3 SQM028
17.95 SQM026
18.22 SQM032
17.95 SQM033
17.92 SQM023
17.63 SQM035
17.16 SQM036
17.87 SQM024
17.59 SQM022
18.14 SQM025
18.48 SQM045
16.94 SQM043
16.45 SQM030
17.56 SQM031
18.37 SQM042
18.15 SQM046
18.1 SQM047
17.89 SQM041
17.84 SQM048
18.33 SQM039
18.08 SQM038
18.28 SQM050
Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 30°
Generated at :07/04/2020 02:15:00 AM


Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 27°
Generated at :07/04/2020 02:30:00 AM
Fairymead
Burnett Heads
Mon Repos
Rubyanna
Gooburrum
Qunaba
Bundaberg North
Kalkie
Bargara
Windermere
Bundaberg East
Bundaberg Central
Innes Park
17.99 SQM006
18.59 SQM007
18.03 SQM008
18.57 SQM005
18.01 SQM009
18.05 SQM010
18.36 SQM014
18.12 SQM002
18.64 SQM012
17.38 SQM015
17.89 SQM013
18.06 SQM017
18.51 SQM004
17.8 SQM016
17.47 SQM019
18.1 SQM021
18.71 SQM020
17.89 SQM018
18.34 SQM028
17.94 SQM027
18.51 SQM026
18.51 SQM033
17.69 SQM023
18.21 SQM036
18.3 SQM035
18.41 SQM024
17.59 SQM022
18.42 SQM025
18.07 SQM045
18.46 SQM043
17.23 SQM031
16.52 SQM030
17.53 SQM042
18.51 SQM047
17.8 SQM041
18.13 SQM048
18.06 SQM039
18.02 SQM038
18.51 SQM050
Australian Government
BUILDING OUR FUTURE
Queensland Government
BUNDABERG REGIONAL COUNCIL
REDUCING URBAN GLOW
ERGON ENERGY NETWORK
Burnett Mary REGIONAL GROUP
CQUniversity AUSTRALIA
Greenfleet
Prince's Trust Australia
Bundaberg Southern Great Barrier Reef Queensland Where great begins
STA sea turtle alliance inc.


Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 23°
Generated at :07/04/2020 02:45:00 AM
Fairymead
Burnett Heads
Mon Repos
Rubyanna
Gooburrum
Qunaba
Bundaberg North
Kalkie
Bundaberg East
Bundaberg Central
Bargara
Windermere
Innes Park
18.06 SQM006
17.86 SQM007
18.03 SQM008
17.81 SQM011
18.03 SQM005
17.53 SQM009
18.2 SQM010
17.43 SQM014
17.57 SQM002
18.38 SQM012
17.89 SQM015
17.87 SQM013
18.26 SQM017
18.21 SQM016
18.53 SQM004
17.6 SQM019
17.54 SQM021
18.15 SQM020
18.22 SQM028
17.84 SQM026
18.38 SQM032
17.68 SQM033
18.32 SQM023
17.99 SQM035
18.03 SQM024
18.45 SQM022
17.85 SQM044
18.4 SQM025
17.61 SQM043
18.04 SQM031
16.53 SQM030
18.73 SQM042
18.02 SQM046
17.95 SQM047
18.45 SQM041
18.32 SQM048
18.75 SQM039
18.09 SQM038
18.79 SQM050


Reducing Urban Glow
Cloud Impact
Sensor Location Not Included in Calculation
No Cloud Cover
Minimal Effects From Cloud Cover
Moderate/Medium Effects From Cloud Cover
High Impact From Cloud Cover
Sky Brightness (V mag / arcsec²)
Darker Sky - 22
Brighter Sky - 15
Numbers show in circles represent the magnitude of sky brightness as indicated in the scale above
Moon Phase : Waxing Gibbous
Moon Altitude: 20°
Generated at :07/04/2020 03:00:00 AM
Fairymead
Burnett Heads
Mon Repos
Rubyanna
Gooburrum
Qunaba
Bundaberg North
Kalkie
Bargara
Windermere
Bundaberg East
Bundaberg Central
Innes Park
17.63 SQM006
17.46 SQM007
18.06 SQM008
18.21 SQM011
18.11 SQM005
17.82 SQM009
17.94 SQM010
18.17 SQM014
17.66 SQM002
17.97 SQM012
17.78 SQM015
17.65 SQM013
18.11 SQM017
17.83 SQM016
18.35 SQM004
17.68 SQM019
18.25 SQM021
17.85 SQM020
18.14 SQM018
17.95 SQM028
17.57 SQM026
17.68 SQM032
17.66 SQM033
18.01 SQM023
16.36 SQM036
17.6 SQM035
17.72 SQM024
17.42 SQM022
17.6 SQM025
17.64 SQM045
18.23 SQM043
18.29 SQM031
16.5 SQM030
17.46 SQM042
17.47 SQM046
17.7 SQM047
18.33 SQM041
17.84 SQM048
18.11 SQM039
17.97 SQM038
17.81 SQM050