

WMAP Cosmological Parameters

Model: olcdm+mnu

Data: wmap9+spt+act+bao

$10^9 \Delta_{\mathcal{R}}^2$	2.52 ± 0.11	$A_{\text{clustered}}$	< 12 (95% CL)
$A_{\text{Poisson}}^{\text{ACT}}$	14.2 ± 2.4	$A_{\text{Poisson}}^{\text{SPT}}$	> 16 (95% CL)
$\ell(\ell + 1)C_{220}/(2\pi)$	$5749 \pm 34 \mu\text{K}^2$	$d_A(z_{\text{eq}})$	14146_{-108}^{+107} Mpc
$d_A(z_*)$	13974_{-114}^{+111} Mpc	$D_v(z = 0.57)/r_s(z_d)$	13.51 ± 0.14
η	$(6.01 \pm 0.11) \times 10^{-10}$	k_{eq}	0.01011 ± 0.00032
ℓ_{eq}	$141.2_{-3.4}^{+3.3}$	ℓ_*	$302.07_{-0.42}^{+0.44}$
$\sum m_\nu$	< 1.2 eV (95% CL)	n_b	$(2.468 \pm 0.046) \times 10^{-7} \text{ cm}^{-3}$
n_s	$0.955_{-0.012}^{+0.011}$	$\Omega_b h^2$	0.02197 ± 0.00041
Ω_c	$0.257_{-0.013}^{+0.012}$	$\Omega_c h^2$	$0.1163_{-0.0045}^{+0.0044}$
Ω_k	$0.0084_{-0.0092}^{+0.0090}$	Ω_k	$-0.0067 < \Omega_k < 0.0254$ (95% CL)
Ω_Λ	$0.672_{-0.027}^{+0.028}$	Ω_m	$0.319_{-0.020}^{+0.019}$
$\Omega_m h^2$	$0.1447_{-0.0072}^{+0.0070}$	$\Omega_\nu h^2$	< 0.013 (95% CL)
Ω_{tot}	$0.9916_{-0.0090}^{+0.0092}$	Ω_{tot}	$0.97 < \Omega_{\text{tot}} < 1.01$ (95% CL)
$r_s(z_d)$	152.0 ± 1.2 Mpc	$r_s(z_d)/D_v(z = 0.106)$	$0.3340_{-0.0052}^{+0.0050}$
$r_s(z_d)/D_v(z = 0.2)$	$0.1831_{-0.0026}^{+0.0025}$	$r_s(z_d)/D_v(z = 0.35)$	$0.1107_{-0.0014}^{+0.0013}$
$r_s(z_d)/D_v(z = 0.44)$	$0.0911_{-0.0011}^{+0.0010}$	$r_s(z_d)/D_v(z = 0.54)$	$0.07723_{-0.00084}^{+0.00083}$
$r_s(z_d)/D_v(z = 0.57)$	$0.07403_{-0.00079}^{+0.00077}$	$r_s(z_d)/D_v(z = 0.6)$	$0.07117_{-0.00075}^{+0.00074}$
$r_s(z_d)/D_v(z = 0.73)$	$0.06155_{-0.00062}^{+0.00061}$	$r_s(z_*)$	145.3 ± 1.2
R	$1.773_{-0.032}^{+0.030}$	σ_8	$0.704_{-0.059}^{+0.062}$
$\sigma_8 \Omega_m^{0.5}$	0.397 ± 0.027	$\sigma_8 \Omega_m^{0.6}$	0.354 ± 0.023
A_{SZ}	< 1.2 (95% CL)	t_0	13.72 ± 0.23 Gyr
τ	$0.084_{-0.013}^{+0.012}$	θ_*	0.010400 ± 0.000015
θ_*	$0.59589_{-0.00087}^{+0.00084} \text{ }^\circ$	τ_{rec}	282.3 ± 2.5
t_{reion}	439_{-64}^{+63} Myr	t_*	373047_{-4512}^{+4483} yr
z_d	$1019.40_{-0.86}^{+0.85}$	z_{eq}	3310 ± 102
z_{rec}	1089.15 ± 0.81	z_{reion}	10.6 ± 1.1
z_*	$1092.09_{-0.83}^{+0.80}$		